

# LIGHT MY BRICKS : LEGO Disney Train Station 71044 Lighting Kit



The following page is the instructions for the **Light My Bricks LEGO Disney Train Station (71044) LED light kit**.

This instructions page is for installing lights to the train station. If you wish to jump straight to the instructions for installing lights to the the Disney train please click **here**.

If you run into any issues, please refer to the **online troubleshooting guide**.

To ensure a trouble-free installation of your light kit, please read and follow each step carefully. These instructions can be downloaded in PDF format **here**

*Please note: This page lists instructions for the LED light kit only. If you are wishing to purchase the Light My Bricks LEGO Disney Train Station (71044) LED light kit, please [click here](#) to view the product page*

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## Package Contents:

- 12x White 15cm Bit Lights
- 3x White 30cm Bit Light
- 2x Warm White 30cm Large Bit Lights
- 5x Warm White Strip Lights
- 1x Multi Colour Light String
- 8x White 15cm Micro Bit Lights
- 3x White 30cm Micro Bit Lights
- 3x Micro 4-Port Expansion Boards
- 4x 6-Port Expansion Boards
- 1x 12-Port Expansion Boards
- 4x 5cm Connecting Cables
- 4x 15cm Connecting Cables
- 2x 30cm Connecting Cables
- 1x 50cm Connecting Cable
- 14x Adhesive Squares
- 1x USB Power Cable
- 1x Light My Bricks Powered Up Cable

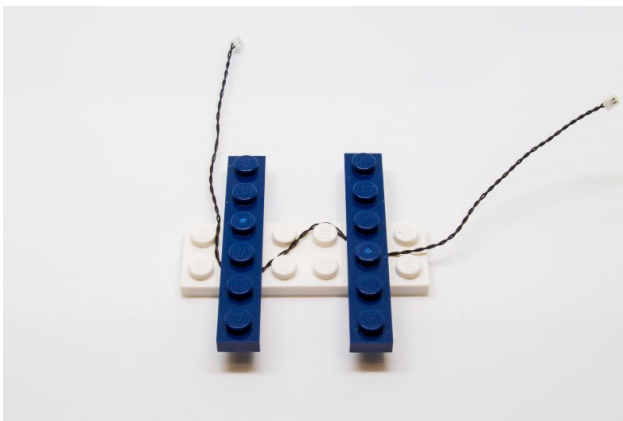
## LEGO Pieces:

- 4x Plate 1×6 (any colour)
- 2x Plate 1×2 (any colour)
- 2x Trans Clear Round Plate 1×1
- 2x Trans Clear Plate w Rounded Bottom 2×2

## Important things to note:

### Laying cables in between and underneath bricks

Cables can fit in between and underneath LEGO® bricks, plates, and tiles providing they are laid correctly between the LEGO® studs. Do NOT forcefully join LEGO® together around cables; instead ensure they are laying comfortably in between each stud.

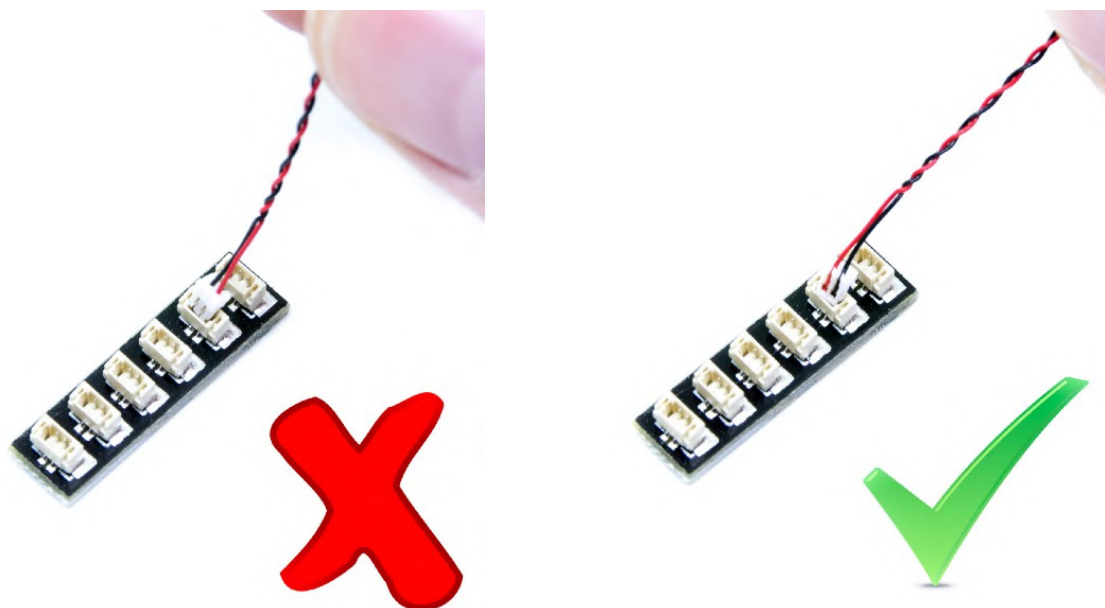


**CAUTION:** Forcing LEGO® to connect over a cable can result in damaging the cable and light.

### Connecting cable connectors to Expansion Boards

Take extra care when inserting connectors to ports of Expansion Boards. Connectors can be inserted only one way. With the expansion board facing up,

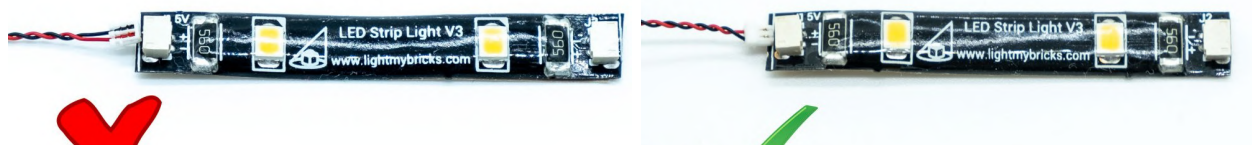
look for the soldered “=” symbol on the left side of the port. The connector side with the wires exposed should be facing toward the soldered “=” symbol as you insert into the port. If a plug won’t fit easily into a port connector, do not force it.



*Incorrectly inserting the connector can result in bent pins inside the port or possible overheating of the expansion board when connected.*

## Connecting cable connectors to Strip Lights

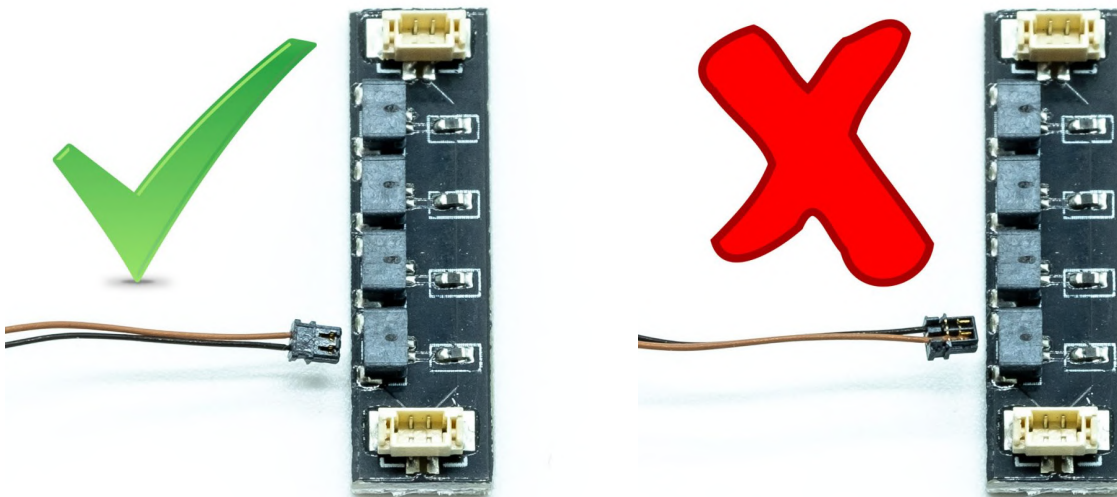
Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won’t fit easily into a port connector, don’t force it. Doing so will damage the plug and the connector.





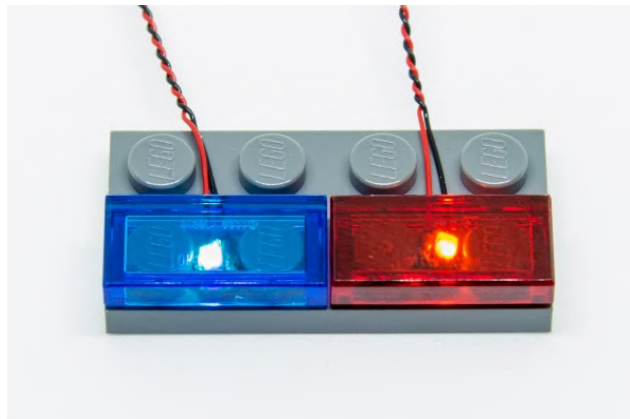
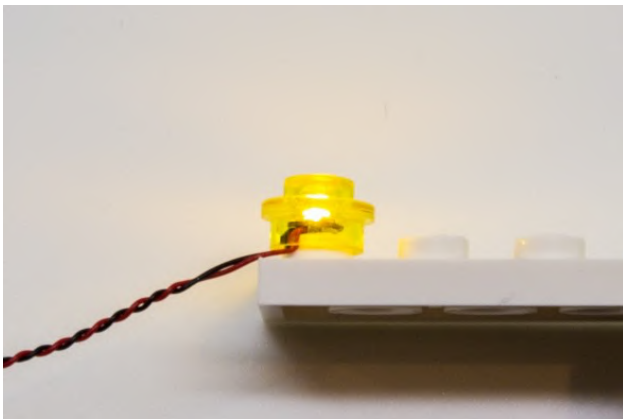
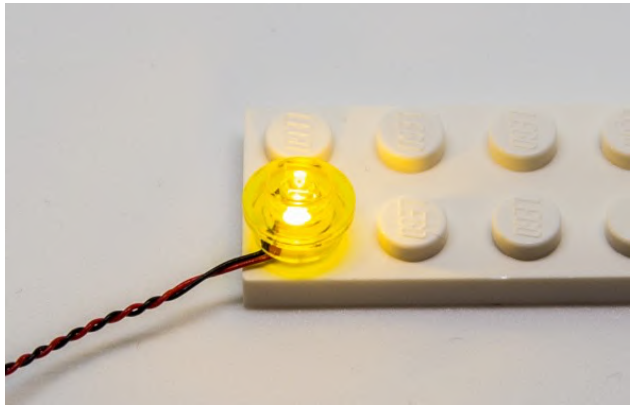
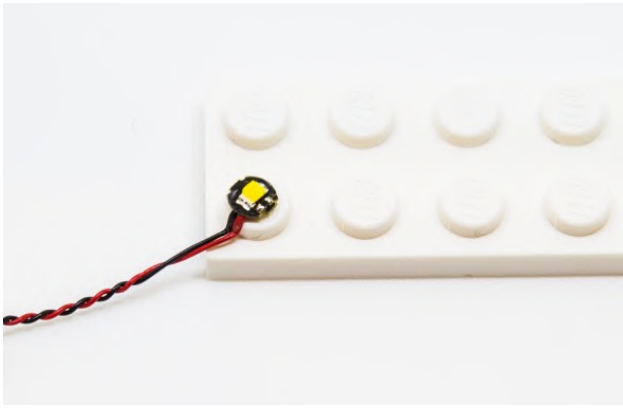
## Connecting Micro Cable connectors to Micro Expansion Board Ports

Take extra care when inserting the micro connectors to micro ports of Micro Expansion Boards. Connecting Micro Bit Lights to Micro Expansion Boards is similar to connecting lights and cables to Strip Lights. With the expansion board facing up, ensure the side of the connector with the wires exposed is **facing down**. If a plug won't fit easily into a port connector, do not force it. Use your fingernail to push the plastic part of the connector to the micro port.



## Installing Bit Lights under LEGO® bricks and plates.

When installing Bit Lights under LEGO® pieces, ensure they are placed the correct way up (Yellow LED component exposed). You can either place them directly on top of LEGO® studs or in between.



OK, Let's Begin!


## Installing lights to the Disney Train Station

1.) We will first install lights to the train station starting with all the lamps at the front. First disconnect the station sign, then using your LEGO Removal Tool, create a gap just above the grey plates with front studs.



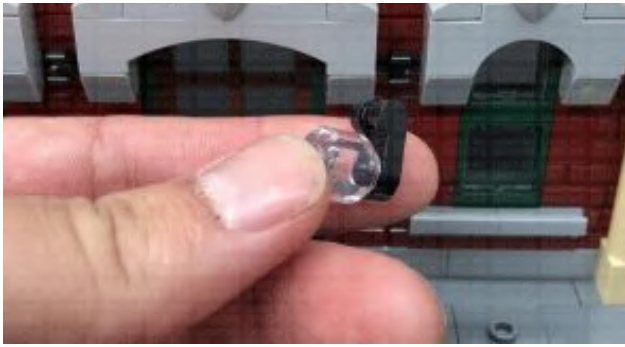




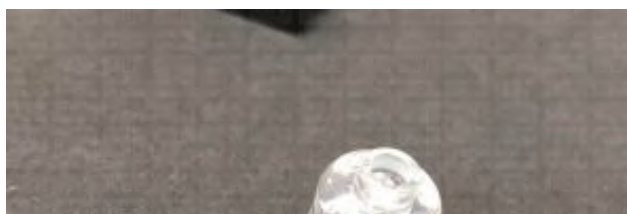
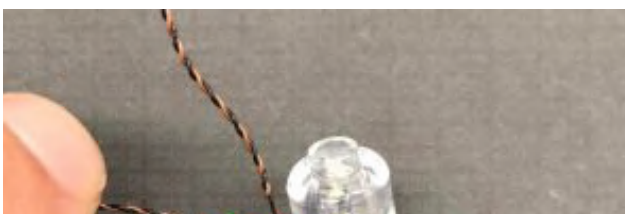
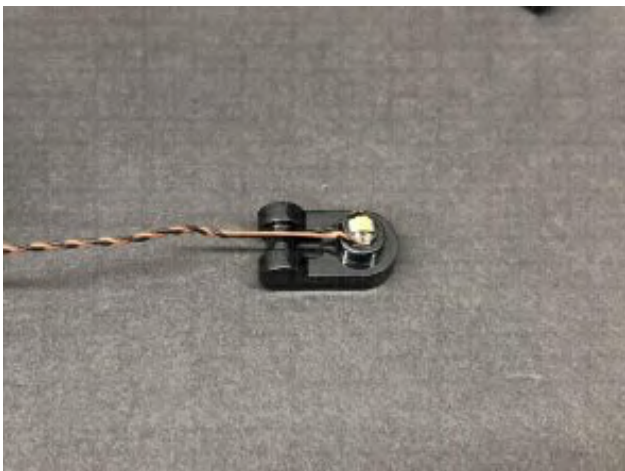
Disconnect the lamps on either side of the front door, then disassemble them as per below. 

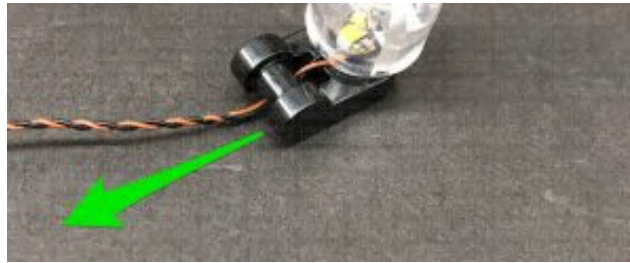




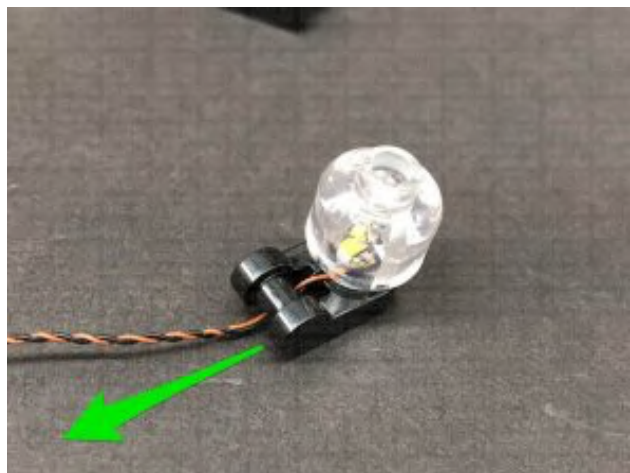
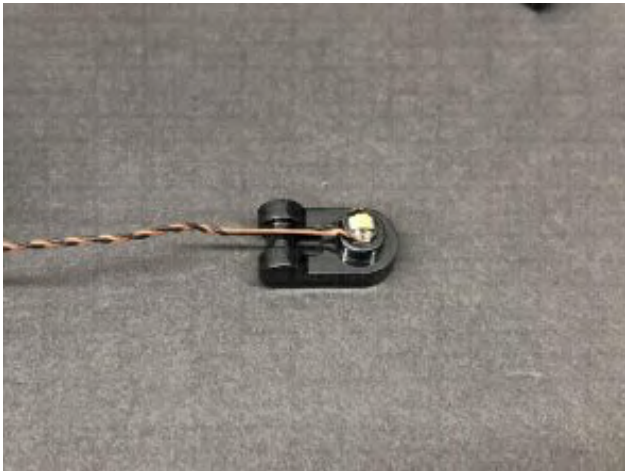


2.) Take a **White 15cm Bit Light** and with the cable facing the handle, place it directly over the black stud. Secure the Bit Light in place by reconnecting the trans clear minifig head over the top. Thread the cable down the space of the handle and pull it all the way out from underneath.





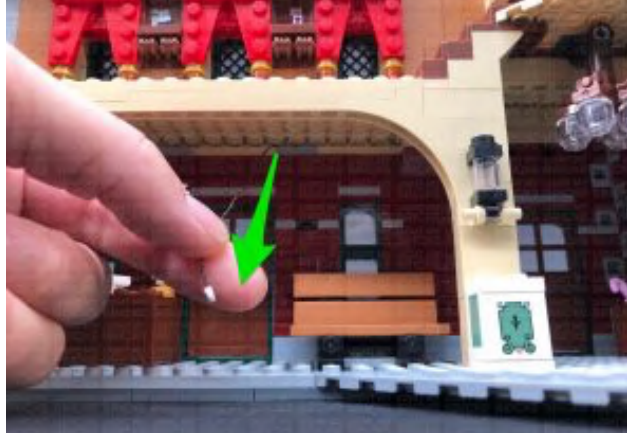
Repeat this step to install another **White 15cm Bit Light** to the other lamp.





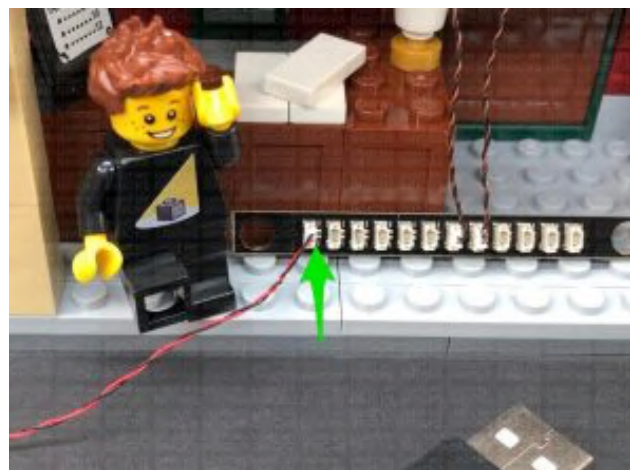
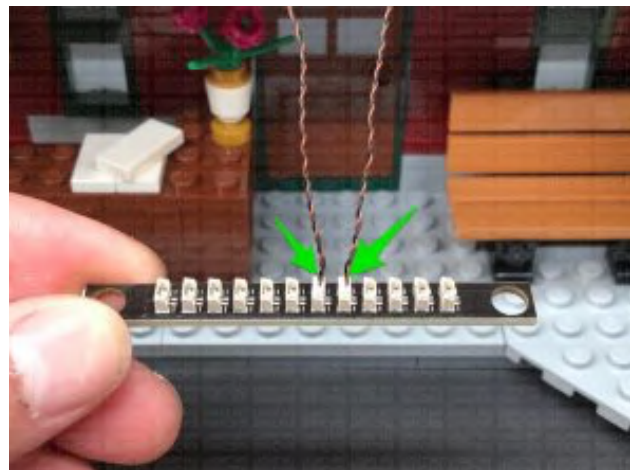
3.) Reconnect both lamps to the front of the station, then thread thread both of the lamp cables through the gap we created earlier. Turn the set around to the back and pull the Bit Light cables all the way out. Ensure the cables are laid in between studs of the bottom of the gap as shown in the last image example.







Connect both of the Bit Light cables to a **12-Port Expansion Board**. Take a USB Power Cable and connect it to the left port on the expansion board. Connect the USB Connector side to a **USB Power Bank** or **wall adaptor** (sold separately) and turn it ON to test the front lights are working OK.





*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

4.) Disconnect the lamp on the right side of the station via the black technic pin. Turn the set around and disconnect the top floor of the left side by pushing your finger up underneath the tan plate.

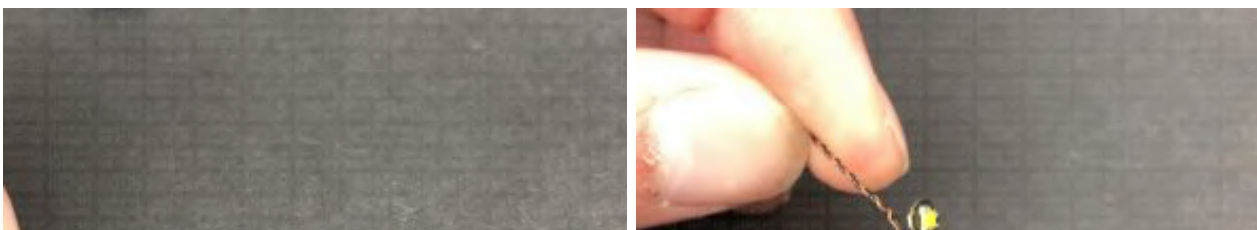


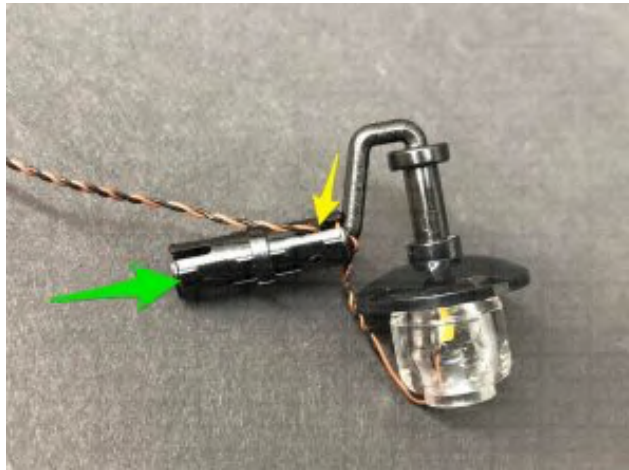
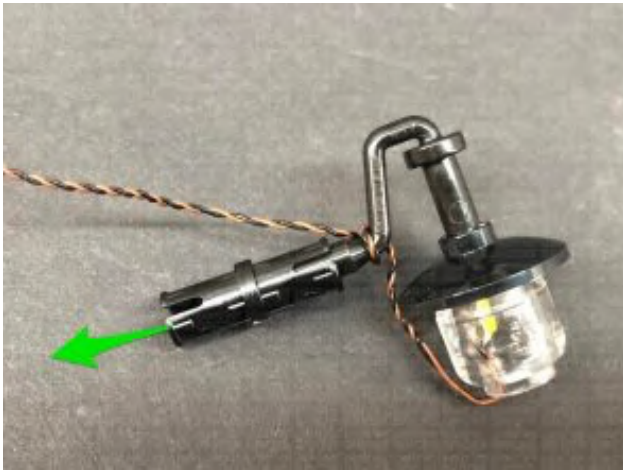


Turn the set back around to the front and using your LEGO Removal Tool, create a gap in between the light grey plates just above where we disconnected the lamp.



Take a **White 30cm Bit Light** and carefully bend the LED up as shown below. With the cable facing the back, hook the LED inside the lamp. Bring the the technic pin slightly out, then bring the Bit Light cable up and wind it around the lamp post. Push the technic pin back in toward the front and pull the cable inside the technic pin slot. Turn the technic pin to the left or right to secure the cable in place.

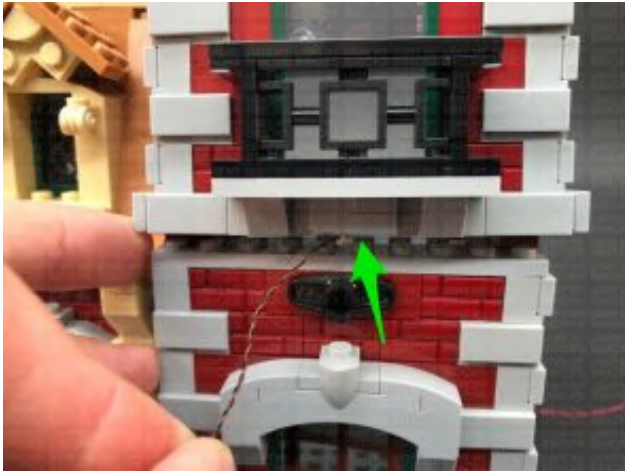




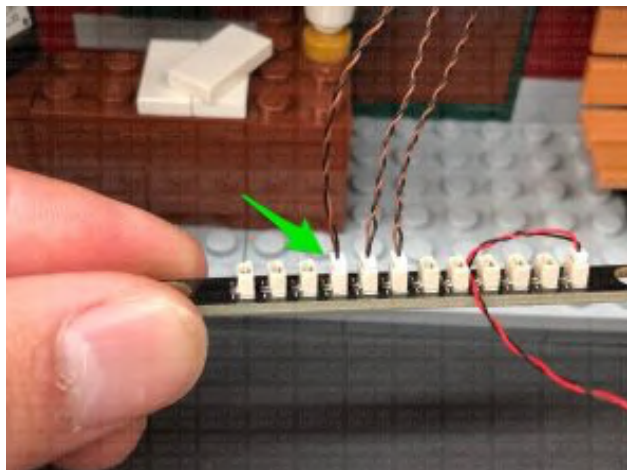
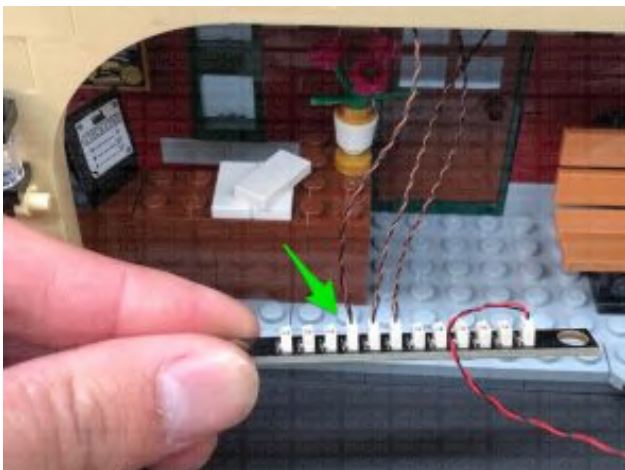
5.) Thread the Bit Light cable through the gap we created, then reconnect the lamp to the front. Ensure the cable is laid in between studs of the grey plates



above.



Turn the set around to the back and pull the Bit Light all the way out. Bring the cable inside the station and toward the right, then connect it to the 12-Port Expansion Board. Turn the power ON to test the front lamps are working OK.



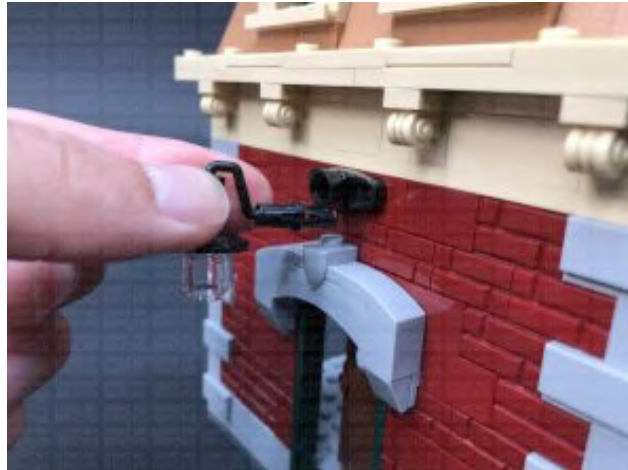


Reconnect the two grey plate sections to close up the gap above the lamp.



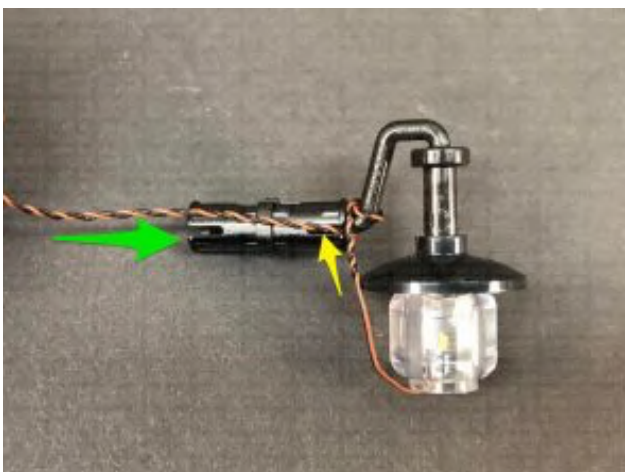
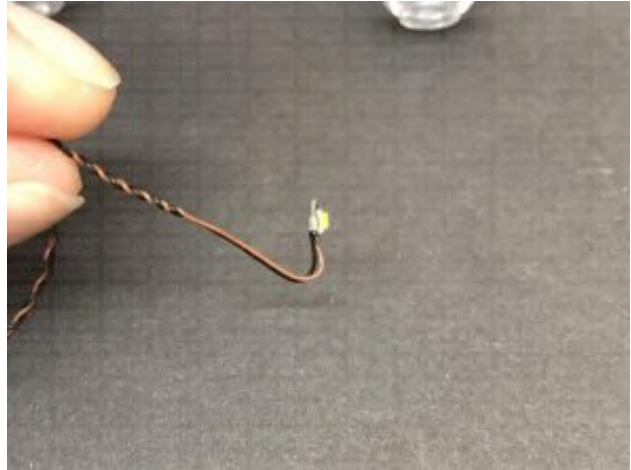
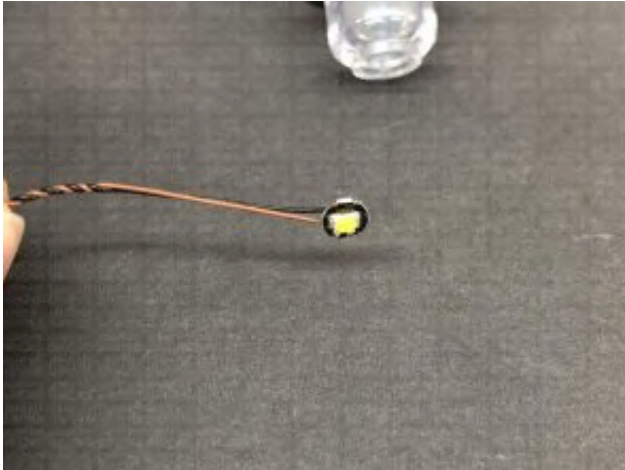
6.) We will now light up the two lamps on the left corner of the station. First

disconnect these two lamps, then using your LEGO Removal Tool, create a gap underneath the tan plates.



Install another **2x White 30cm Bit Lights** to the two lamps, applying the same method used to install the lamps in previous steps.





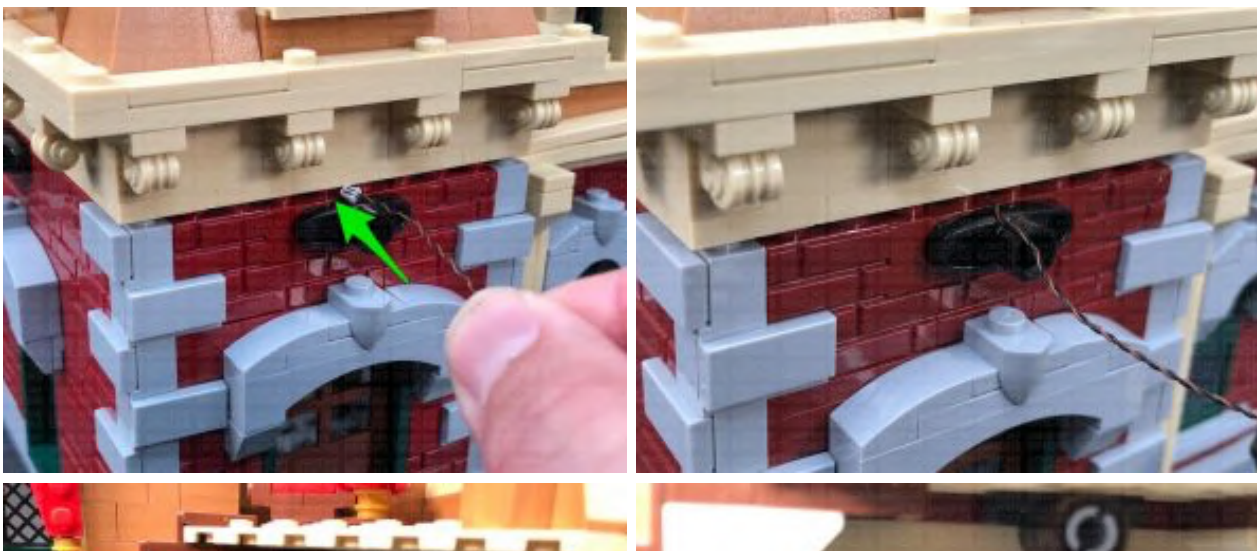


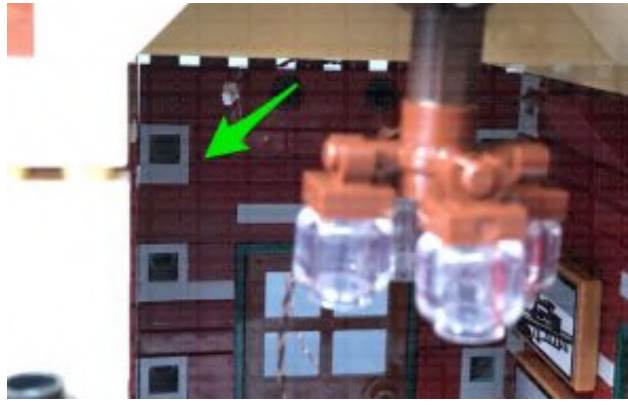
7.) Take the lamp for the left side of the station and thread the cable through the gap. From the back of the station, pull the cable out, then securely reconnect the lamp ensuring the cable is laid in between the studs above.





Repeat this process to reconnect the other lamp while threading the cable through to the inside of the station.

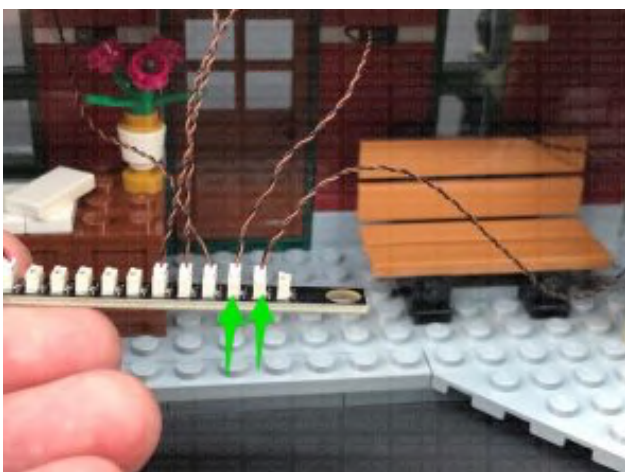




**8.)** Close up the gaps by reconnecting sections back together, then turn the set back around to the back and thread both Bit Light cables through to the middle sections. Connect both of them to the 12-Port Expansion Board. Turn ON the power to test all the front lamps are working OK.







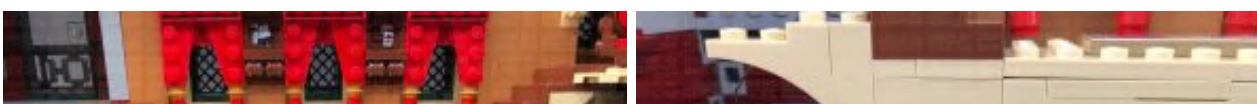
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to*

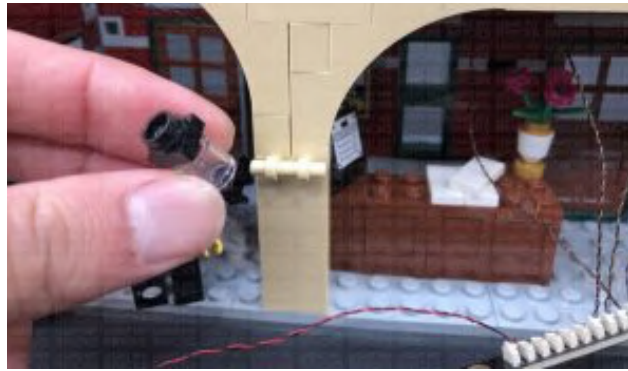
verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.

Close up the gap from the front of the set, then reconnect the Disney Train Station sign.

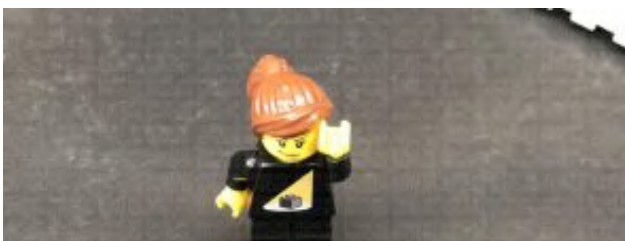


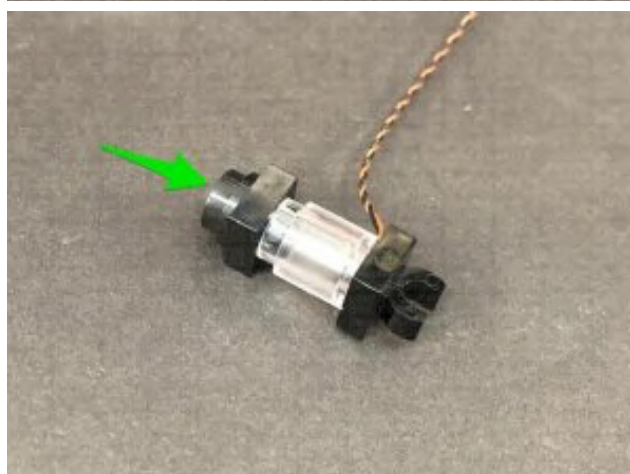
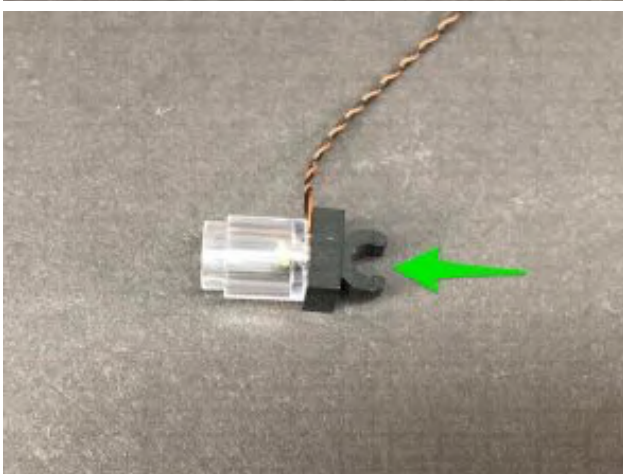
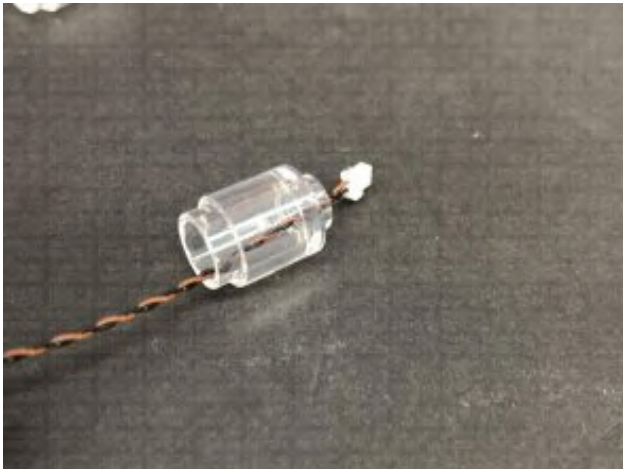
9.) We will now light up the two pillar lamps on the back of the station. First disconnect the two lamps, then create a gap just underneath the plates with handles as shown below.





Disassemble the two lamps as shown below, then take a **White 15cm Bit Light** and thread the connector side of the cable through the bottom (larger hole) of one of the trans clear round bricks. Before threading the Bit Light all the way through, carefully bend the LED so that it is facing up. Reconnect the black plate with clip followed by the round plate at the top.





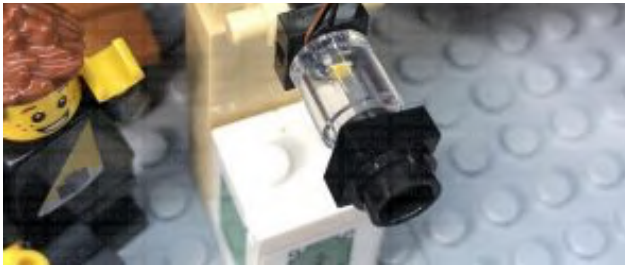
Repeat this step to install another **White 15cm Bit Light** to the other lamp.



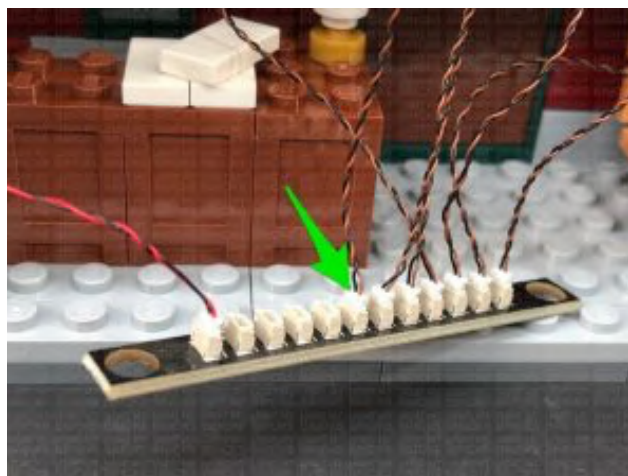
10.) Thread each of the lamp cables through the gaps on the pillars. Pull the cables all the way out from behind before reconnecting the lamps. Bring both cables towards the 12-port expansion board.





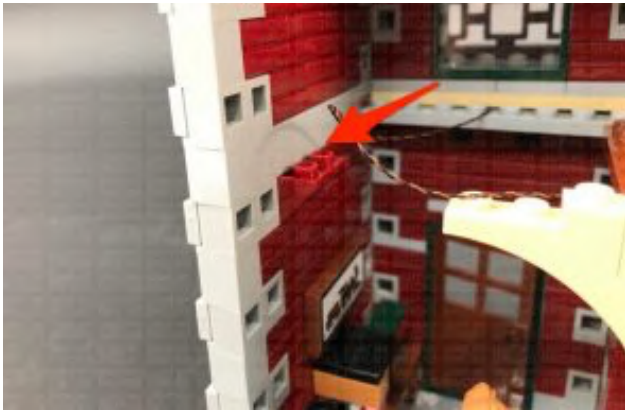


Connect both Bit Light cables to the 12-Port Expansion Board (right lamp to the far right port, and left lamp to the left port), then turn ON the power to test the pillar lamps are working OK.

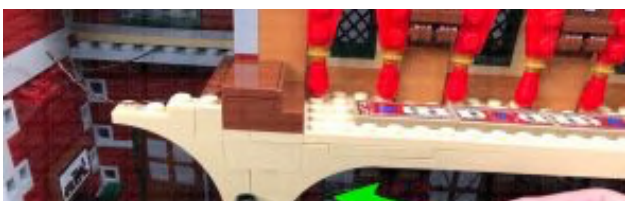
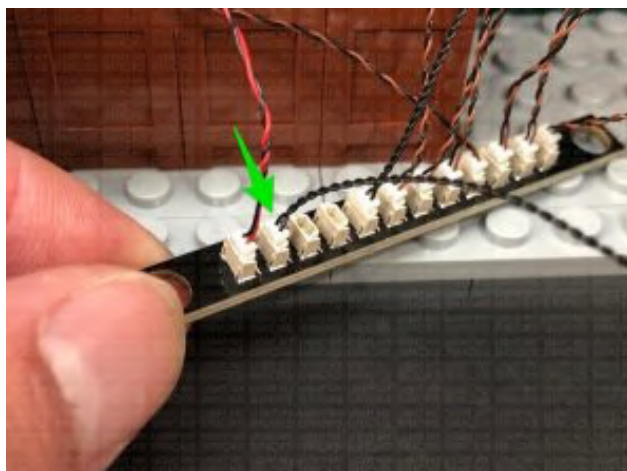
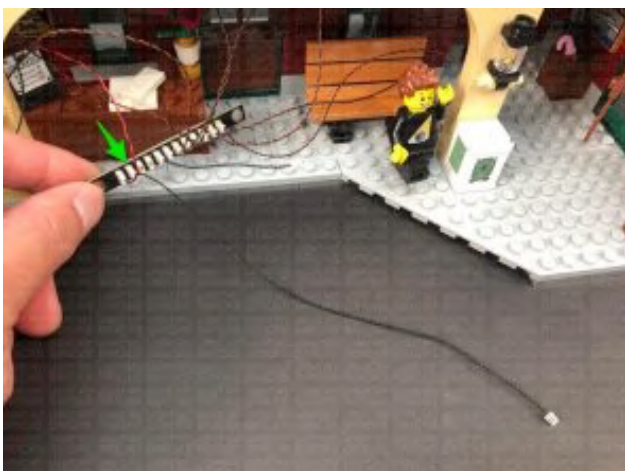
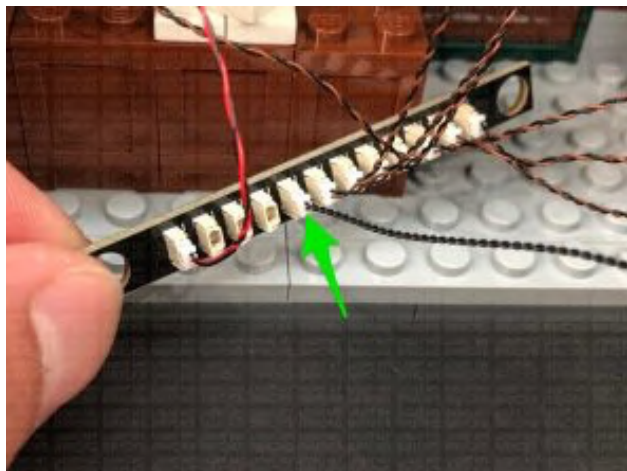
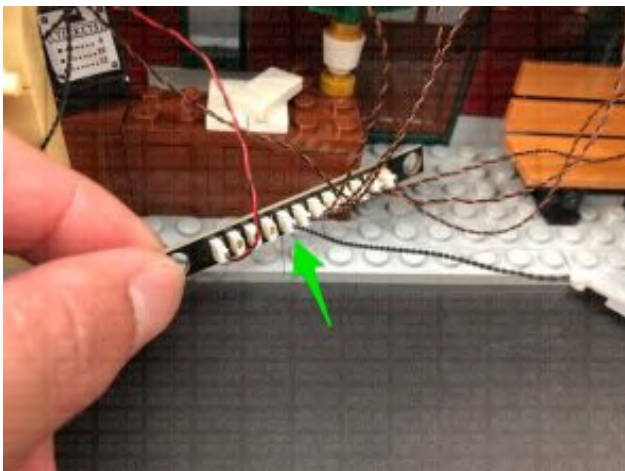


**11.)** Using the LEGO Removal Tool, create a gap on the left wall just above red angled brick.

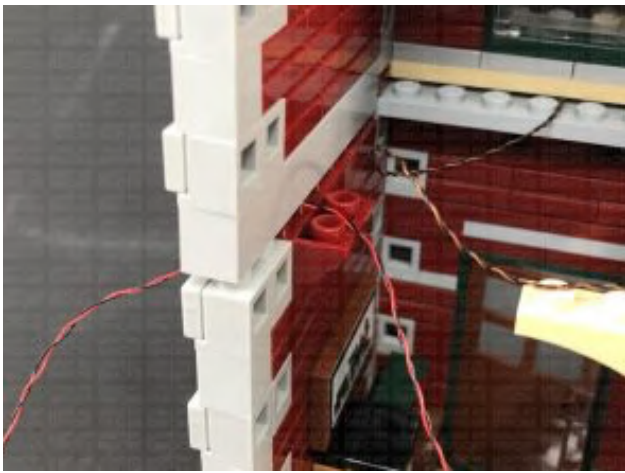
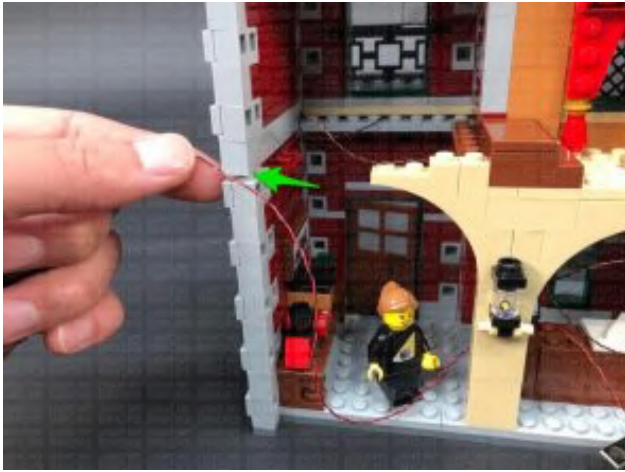
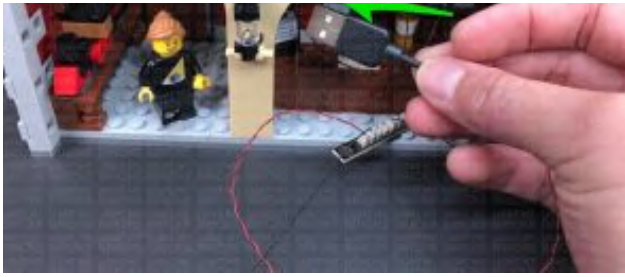




Take **5cm Connecting Cable** and a **15cm Connecting Cable** and connect them both to the 12-Port Expansion Board. Take the USB Power Cable and feed it behind the left pillar and over to the left side. Thread the USB cable through the gap we just created, ensuring the cable is laid in between studs of the red angled brick.





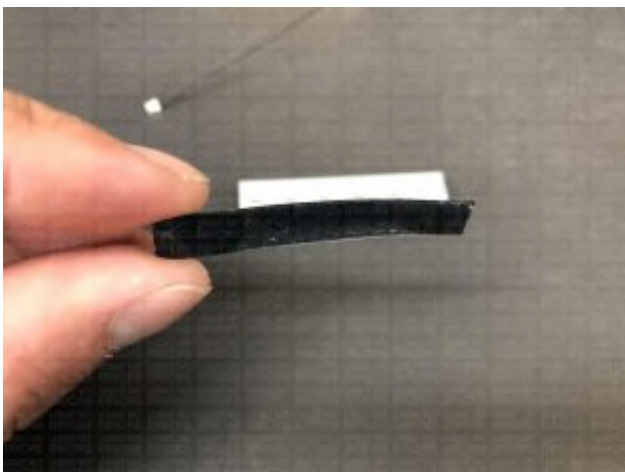
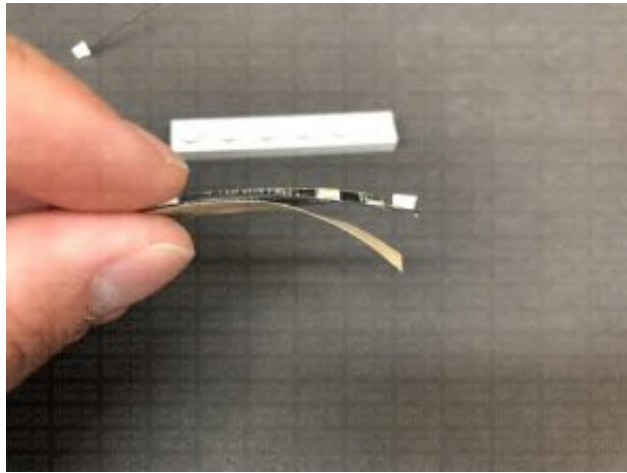
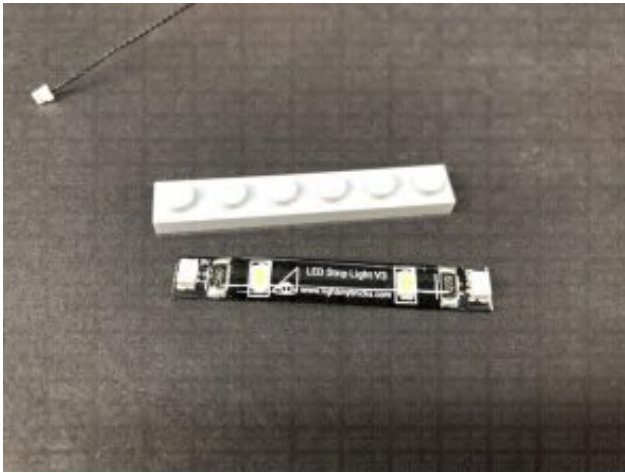


12.) Take the second floor section we removed earlier in step 4 and place it onto it's back.



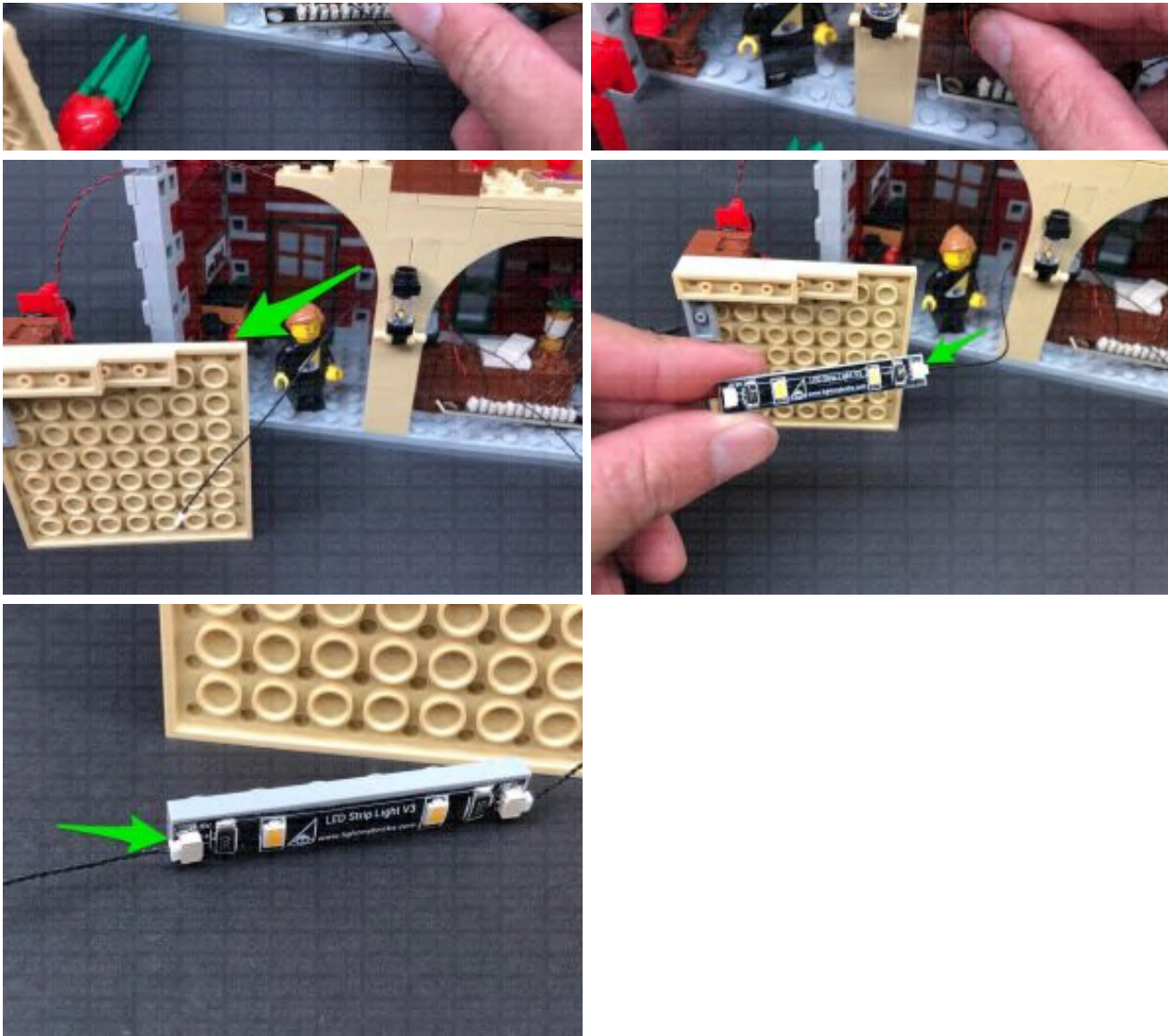


Take a **Warm White Strip Light** and using it's adhesive backing, stick it to the bottom of a provided **LEGO Plate 1x6**.

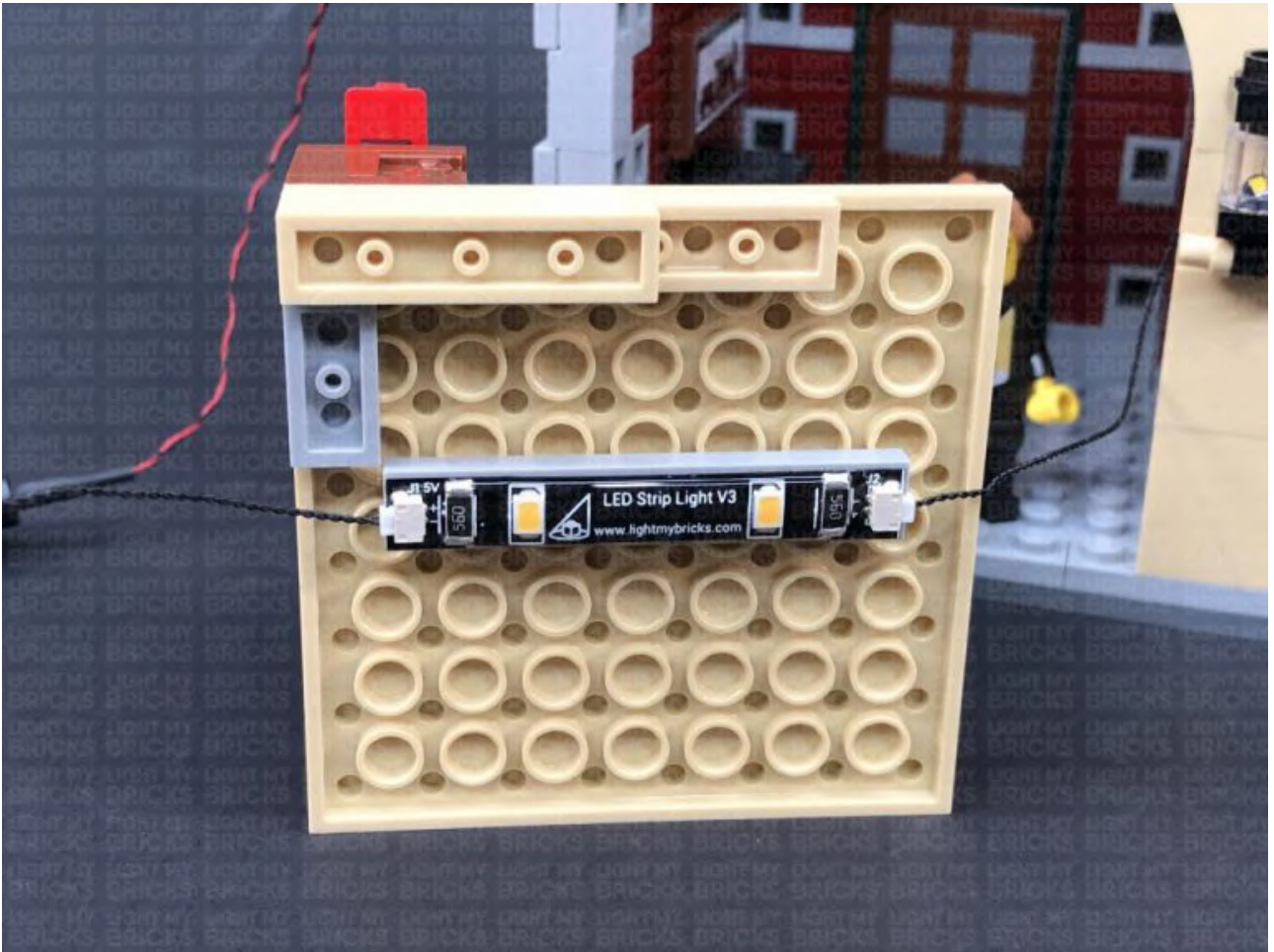


Take the 15cm Connecting Cables we connected to the expansion board earlier and bring it behind the pillar and over to the left side. Connect the cable to Strip Light's right port, then take a new **15cm Connecting Cable** and connect it to the strip light's left port.

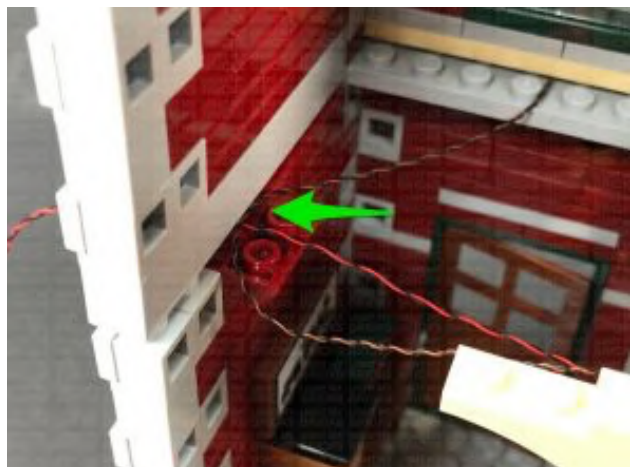




Using the 1×6 plate, mount the strip light underneath the top floor section in the below position. Ensure the connecting cable from the 12-port expansion board is on the right side.

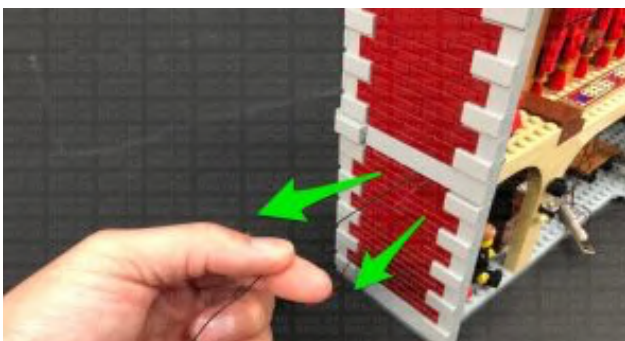
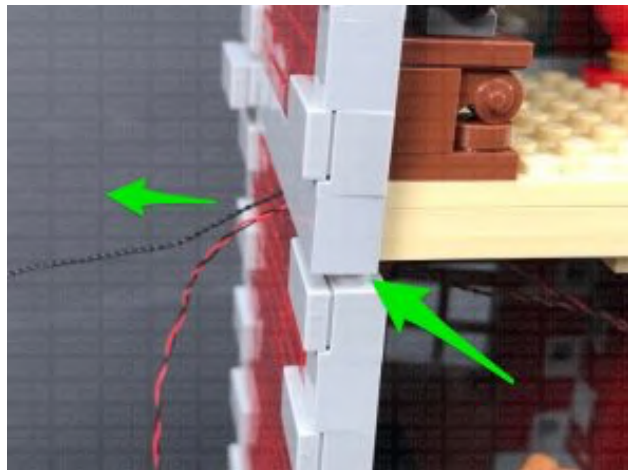
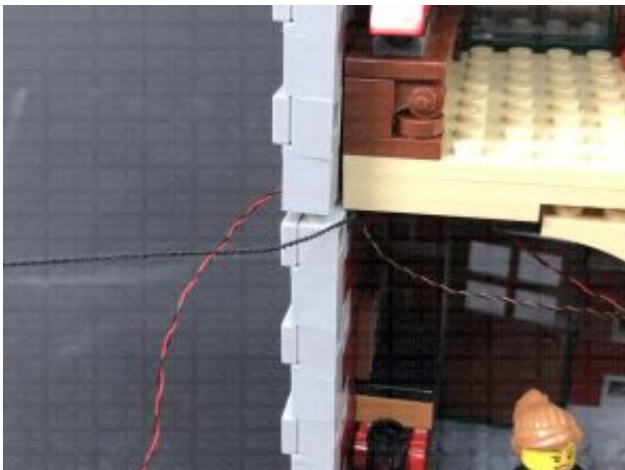


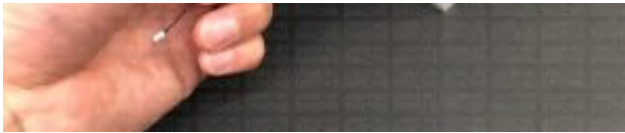
**13.)** Locate the White 30cm Bit Light cable from the front right lamp and lay it in between studs of the red angled brick, then place the second level section over the top. Do not securely reconnect the second level floor just yet.



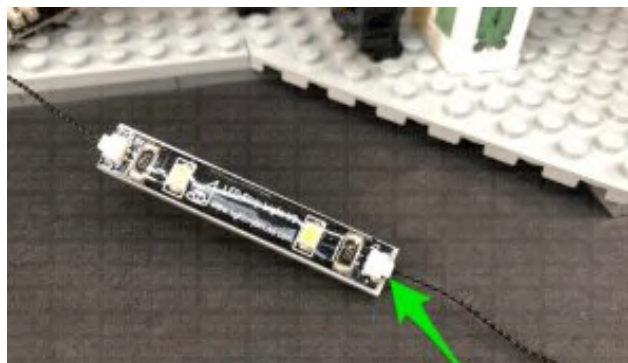
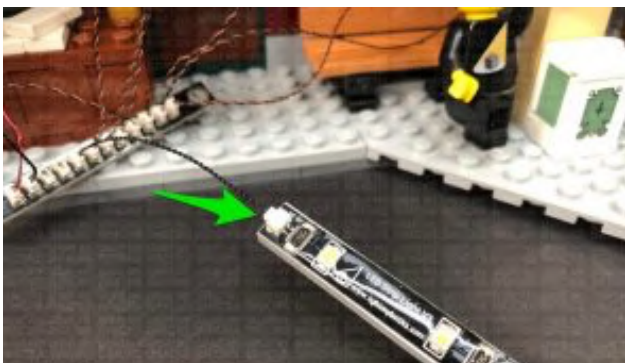
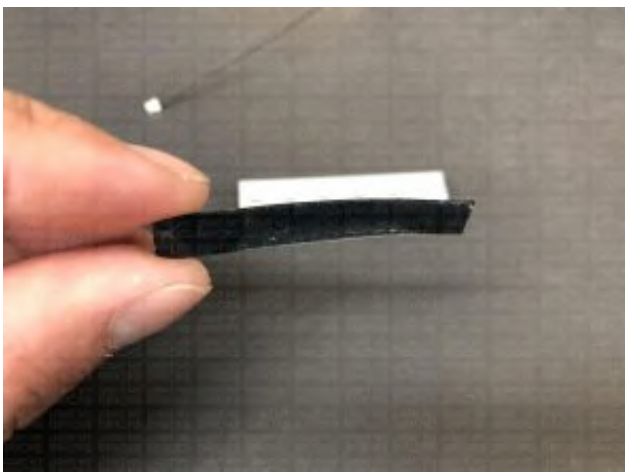
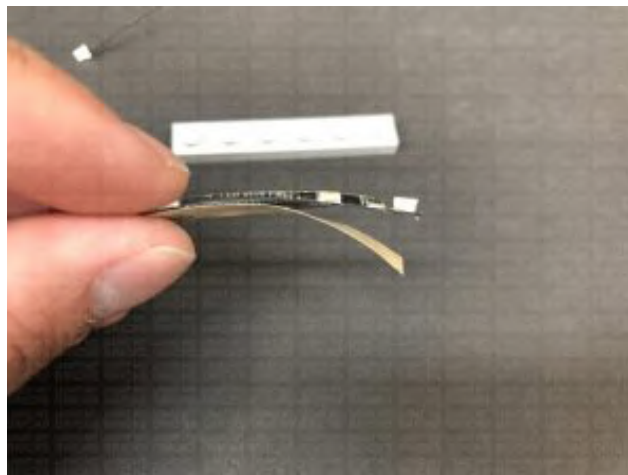


Slip the 15cm Connecting Cable through the gap on the left wall and place it in between the studs next to where the USB power cable is laid. Pull the 15cm cable all the way out, then securely reconnect the second level floor.





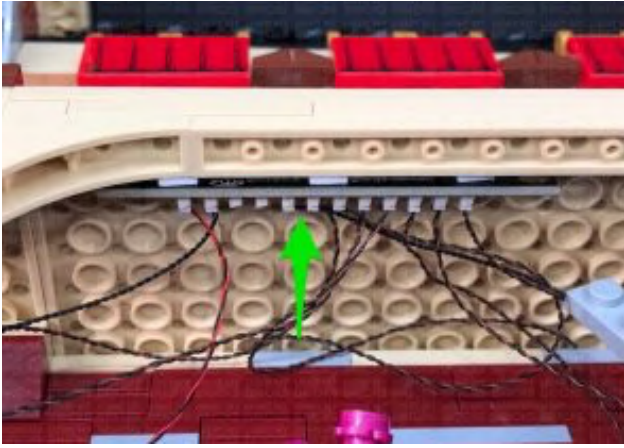
14.) Take a new **Warm White Strip Light** and using it's adhesive backing, stick it to a provided **LEGO Plate 1x6**. Locate the other end of the 5cm Connecting Cable connected to the 12-port expansion board, and connect it to the strip light's left port. Take a new **15cm Connecting Cable** and connect it to the strip light's right port.



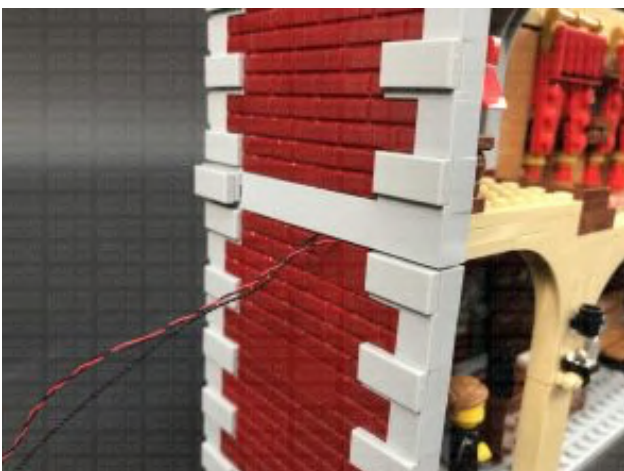
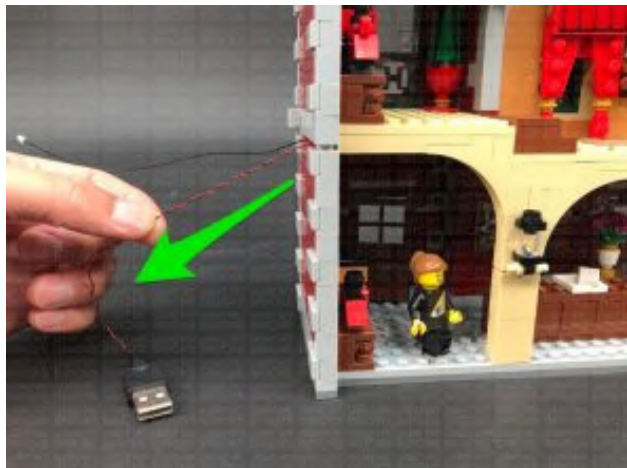


15.) Stick **3x Adhesive Squares** to the back of the 12-Port Expansion Board, then mount the board underneath the top floor in the following position. The cables should be facing away from you and towards the inside of the station.



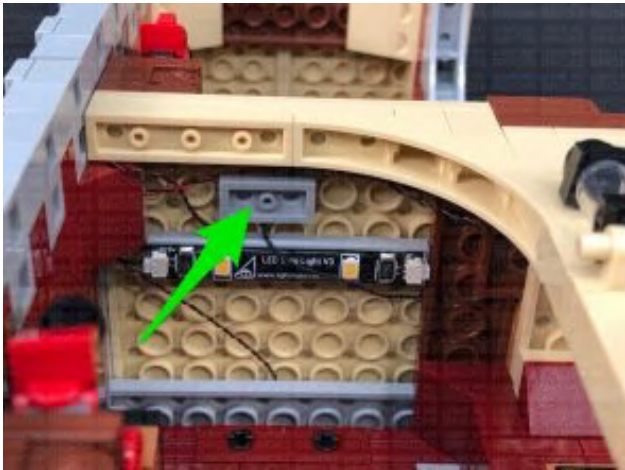
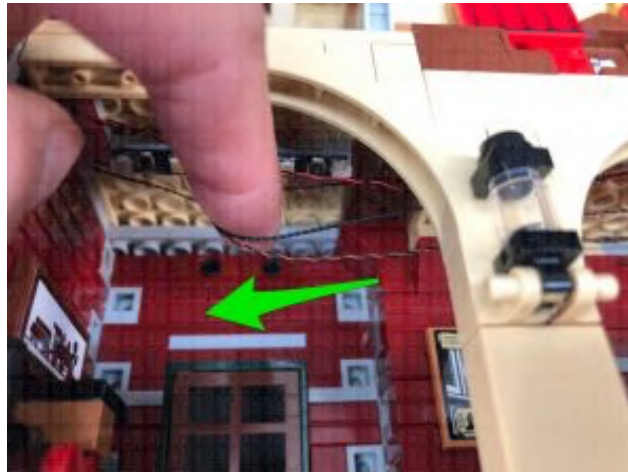


To prevent the USB Power Cable from dangling down, pull the cable all the way out the left side, then reconnect the top floor wall section to close up the gap and secure the cable down.



Locate any other dangling cables and pull them to the left before securing them to the ceiling using a provided **LEGO Plate 1x2**.





**14.)** Take the two Bit Light cables from the front left corner lamps and pull them to the right, then mount the Strip Light to the roof (via the 1x6 plate) over any other dangling cables in the following position. Check to ensure there are no dangling cables underneath the two strip lights, then close up the gaps below the lamps on the pillars. Turn ON the power to test the lights are working OK.

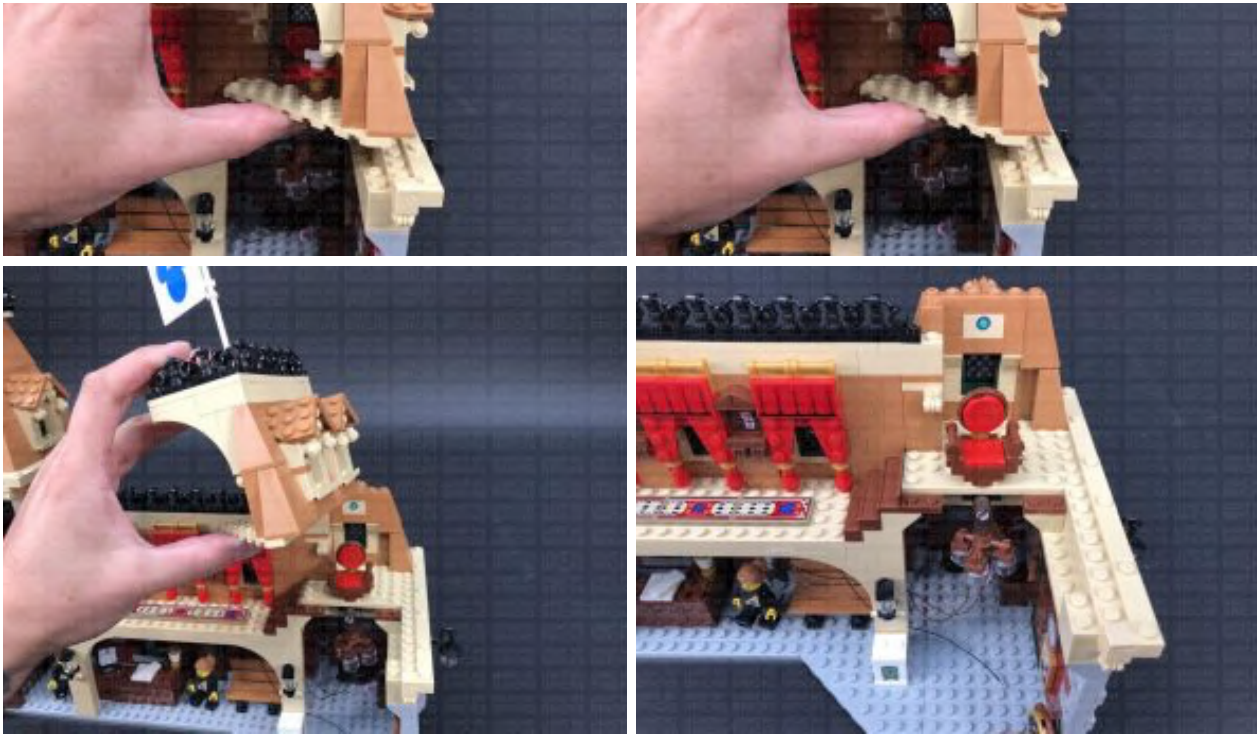




*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

**15.)** Use your LEGO Removal Tool to disconnect the following pieces sections on the top right side of the station.

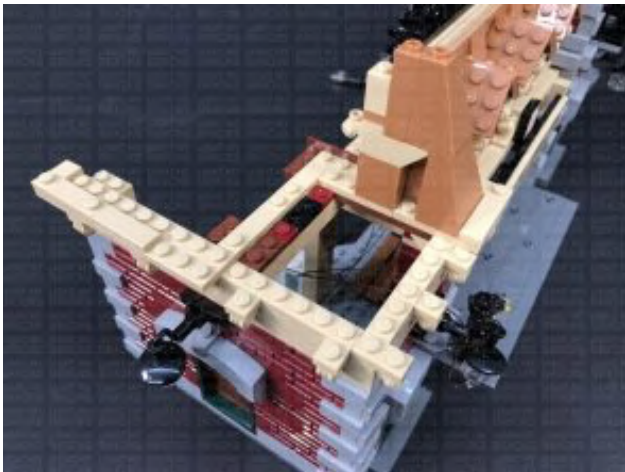
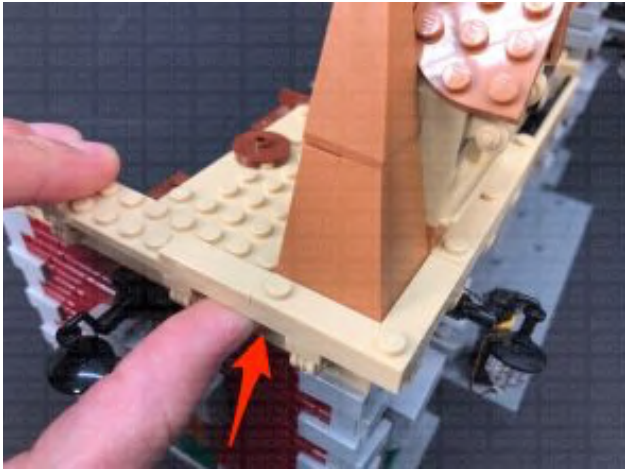




Disconnect the chandelier section via the technic pin, then disconnect the chair from the top floor.

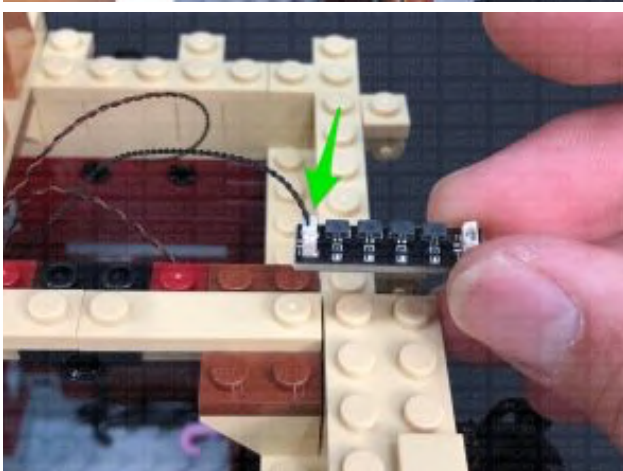
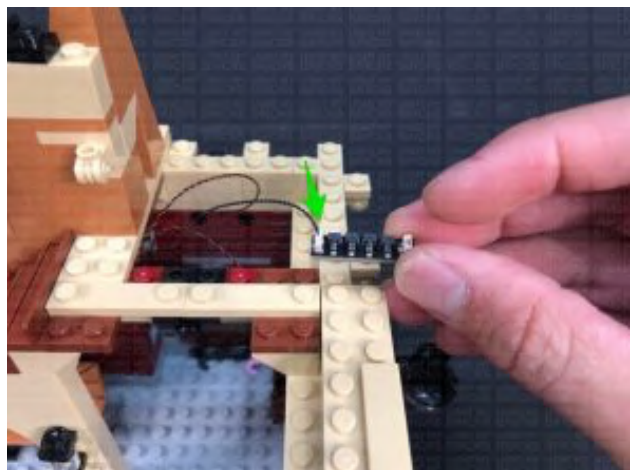
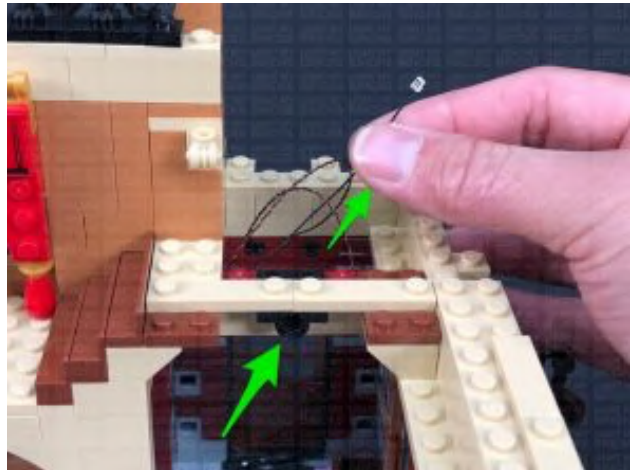


Turn the set around to the front corner and disconnect the top floor with front window section.



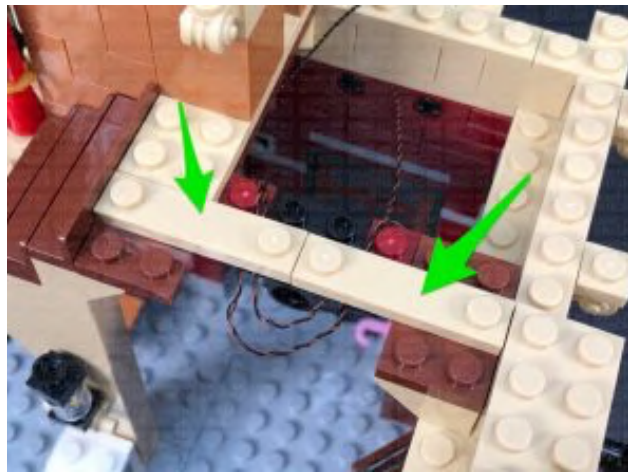
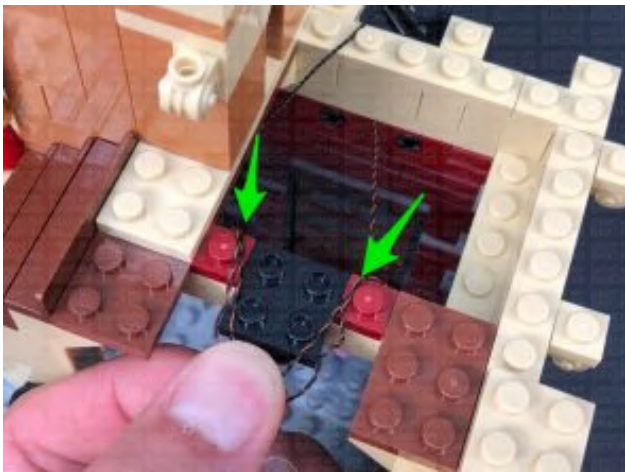
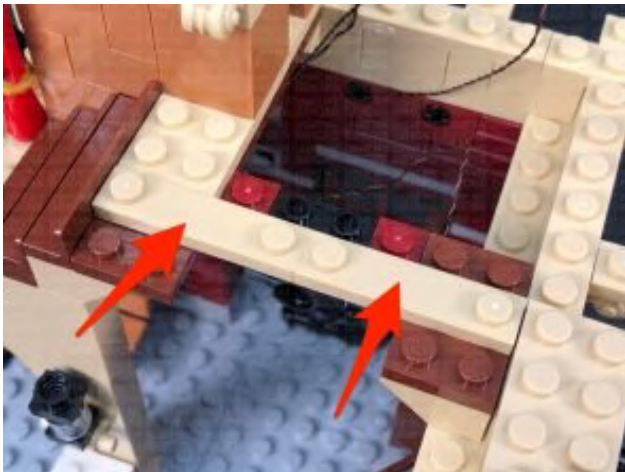
**16.)** Locate the two Bit Light cables from the front corner lamps as well as the other end of the 15cm Connecting Cable from the 12-port Expansion Board. From the space we created above the bottom floor, pull the bit light cables up so they aren't dangling down from the top, then thread the 15cm Connecting Cable up to the second floor and connect it to the larger port on a **Micro 4-Port Expansion Board**.





Disconnect the following two tiles with studs from the second floor, then pull the two bit light cables up and lay them in between the black studs. Reconnect

the two tiles with studs, then check to ensure there are no more dangling cables.

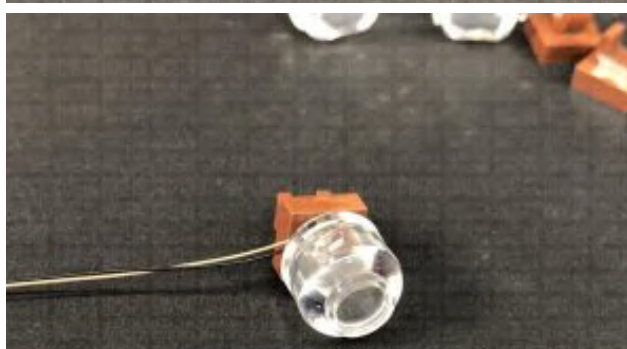
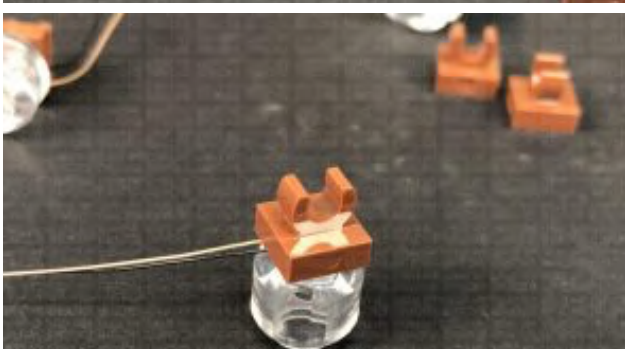
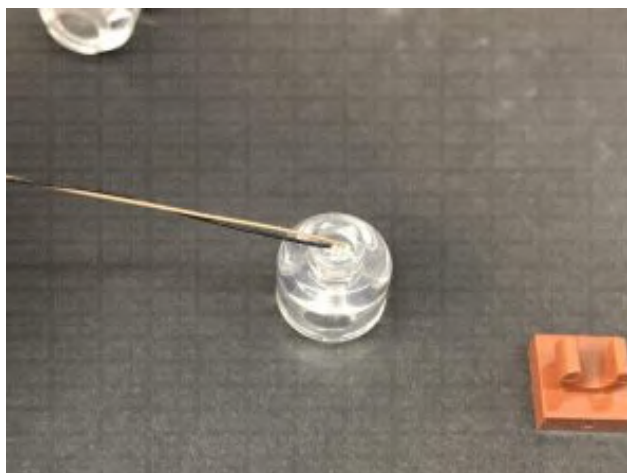
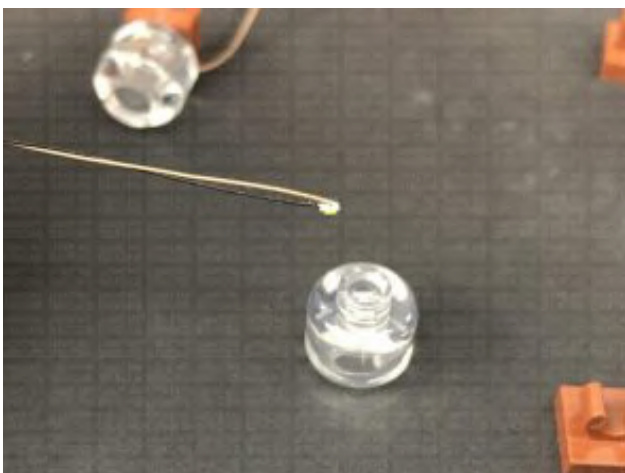


17.) Take the chandelier and disassemble it as shown below:





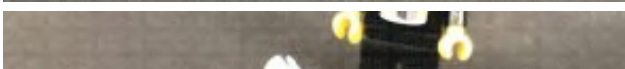
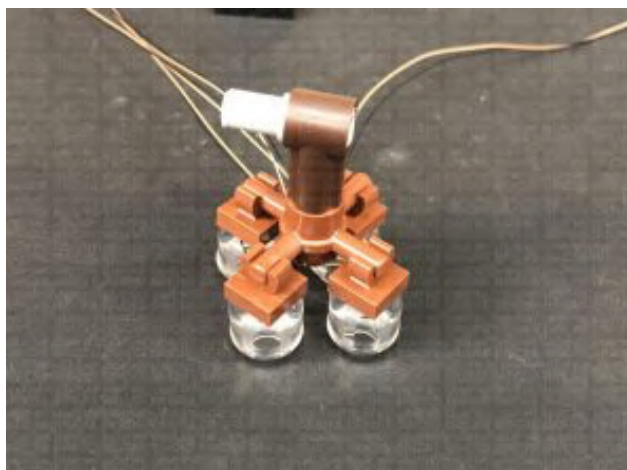
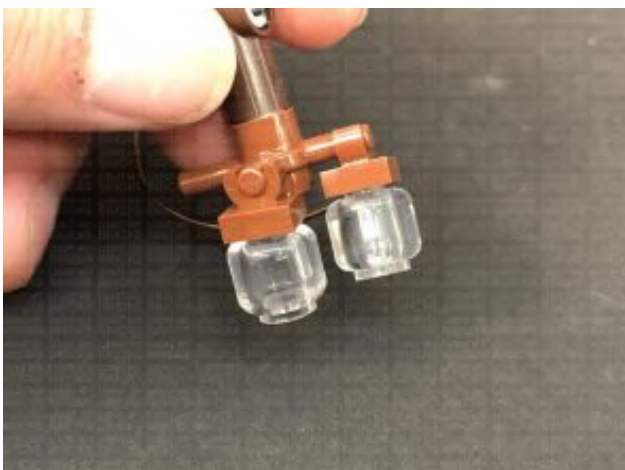
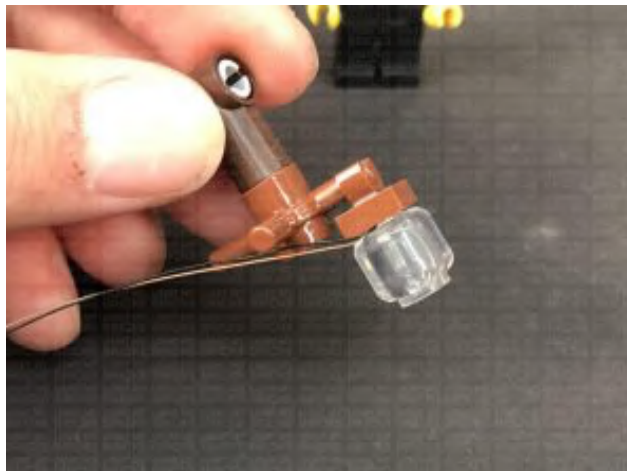
Take a **White 15cm Micro Bit Light** and place the LED facing down over the top of one of the trans clear minifig heads. Secure the Micro Bit Light in place by reconnecting a brown plate with clip.

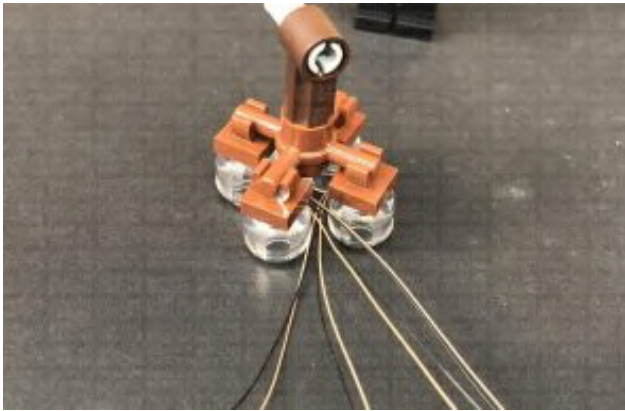




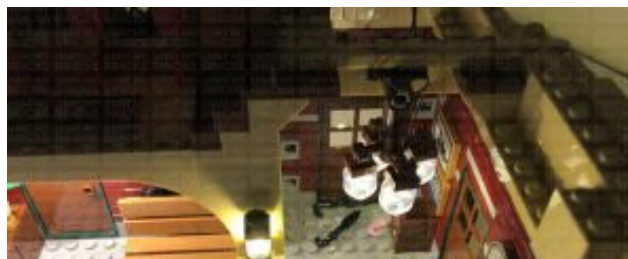
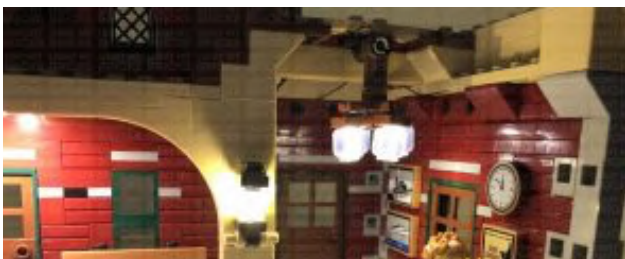
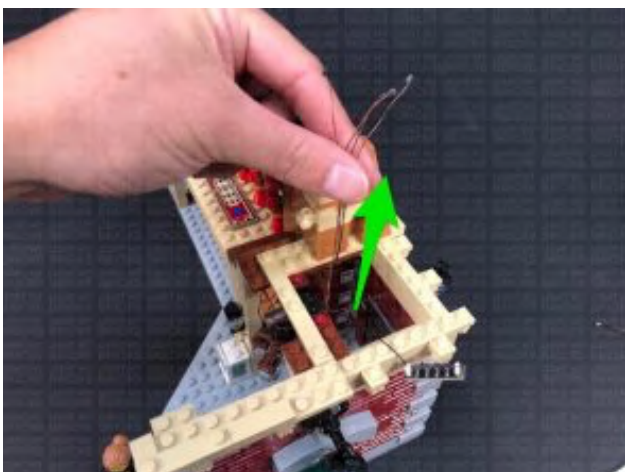
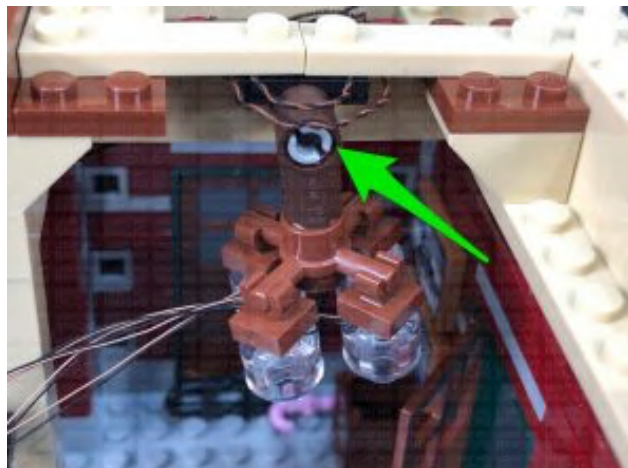
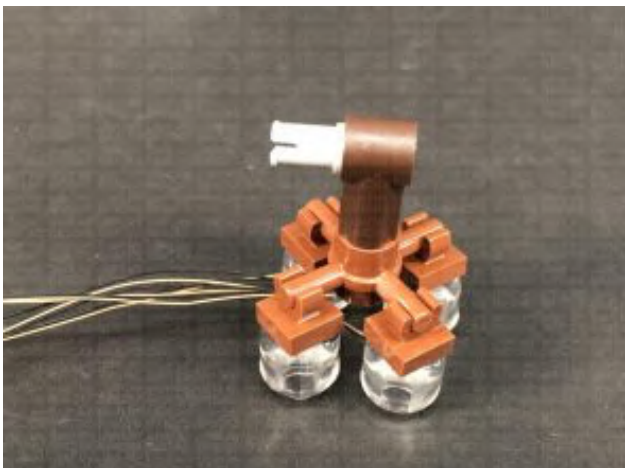


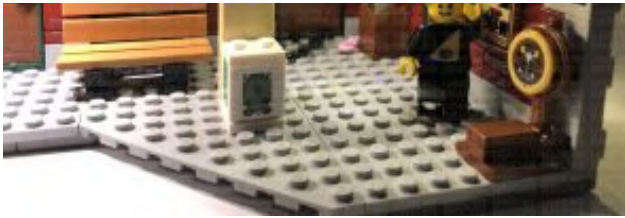
18.) Follow the same method used in previous step to install another **3x White 15cm Micro Bit Lights** to the remaining three lamps, then reconnect each one to the chandelier ensuring the cables are facing the inside, and all laid out together at one side.



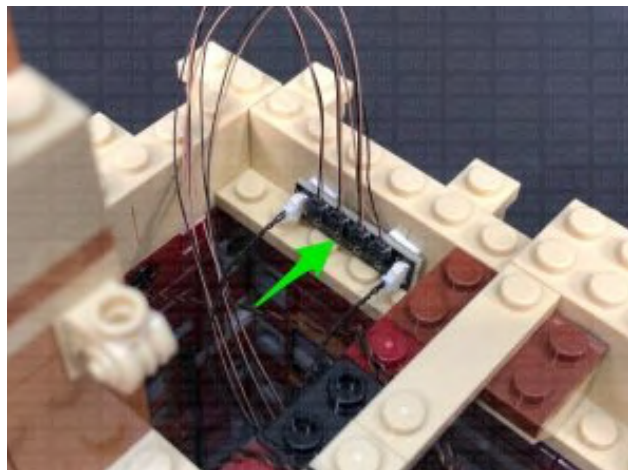
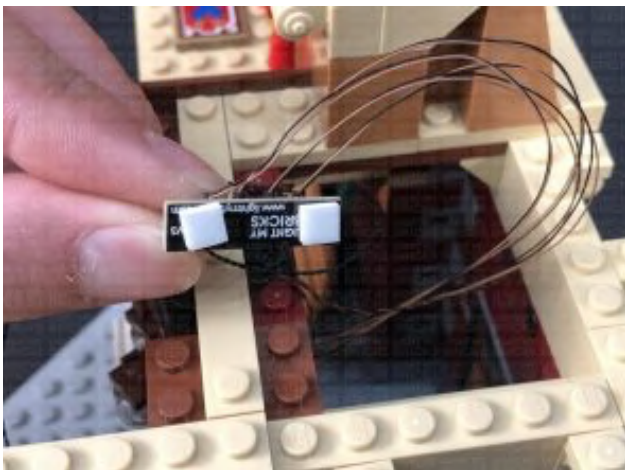
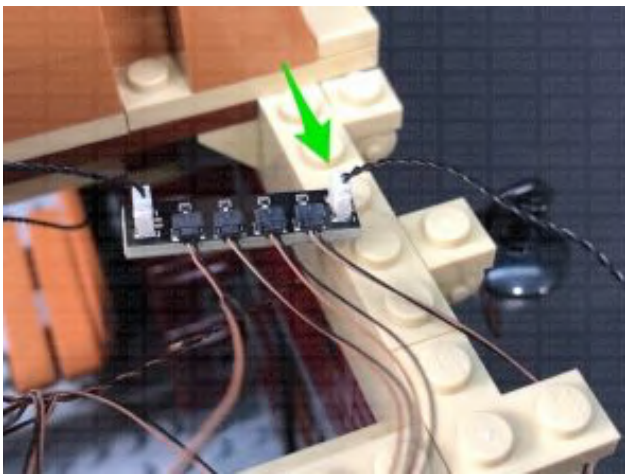


Spin the chandelier around so the cables are facing the inside of the station, then reconnect the chandelier via the grey technic pin. Bring all four cables up to the top and connect them to the Micro Expansion Board. Turn ON the power to test the chandelier micro bit lights are working OK.



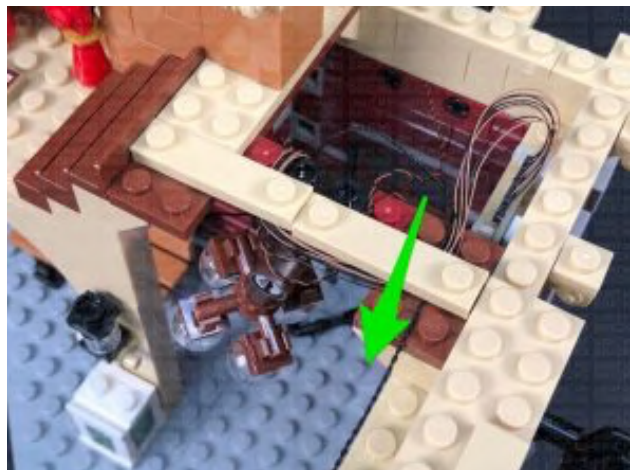
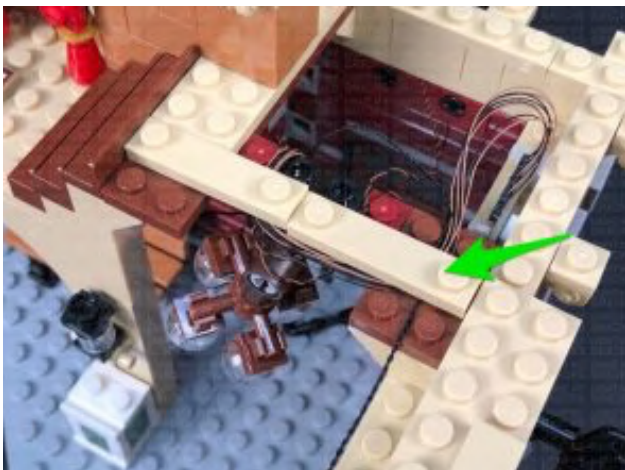
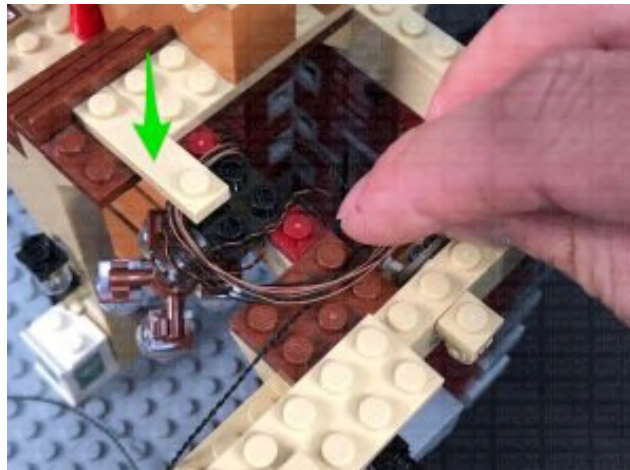
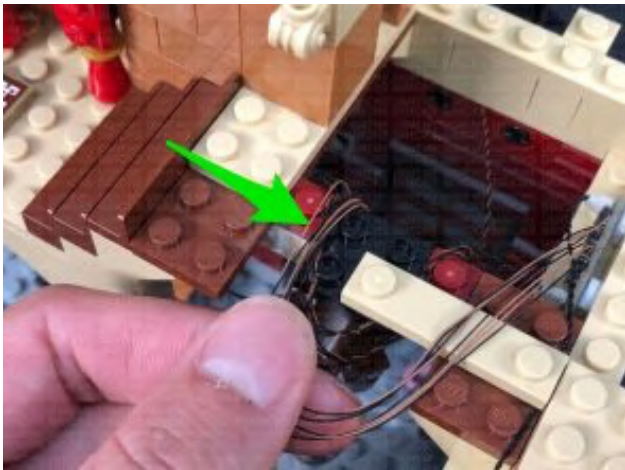
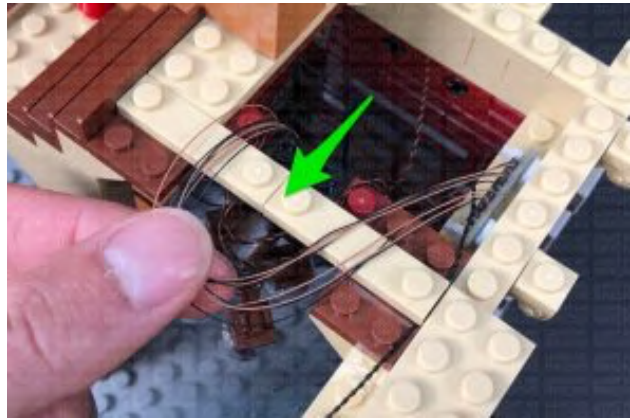
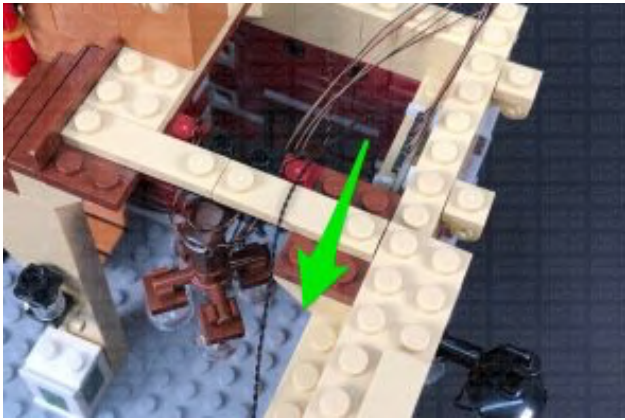


19.) Take a **30cm Connecting Cable** and connect it to the other large port on the Micro Expansion Board, then stick **2x Adhesive Squares** to the back of the board and mount it to the right side in the following position.

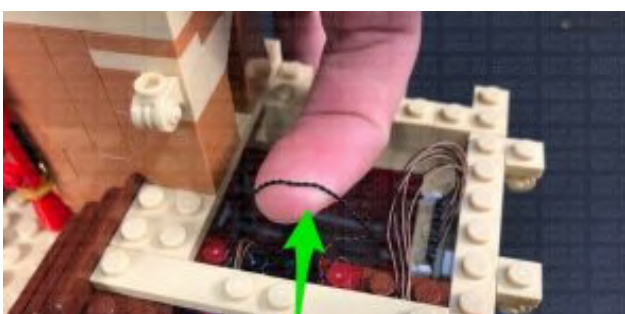


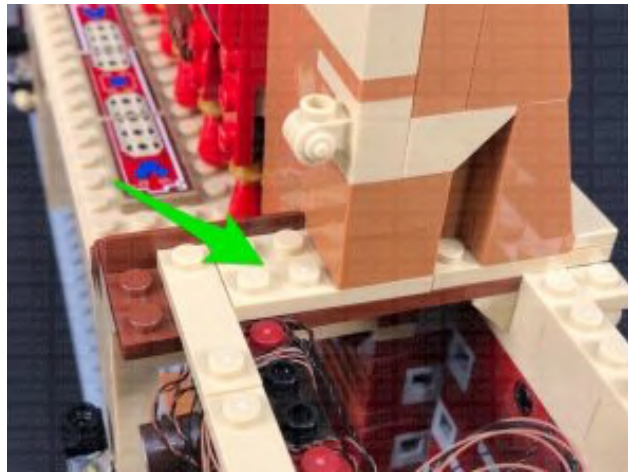
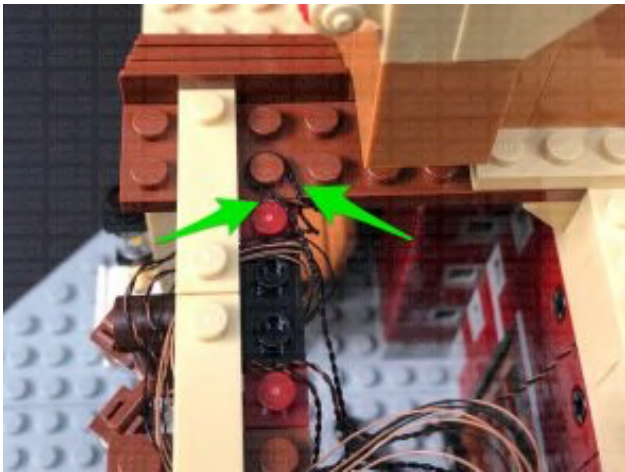
Bring the micro bit light cables over to the back and secure them underneath the following tiles ensuring you first lay them in between studs underneath. Bring the 30cm Cable over and secure it on the side of the tile underneath.



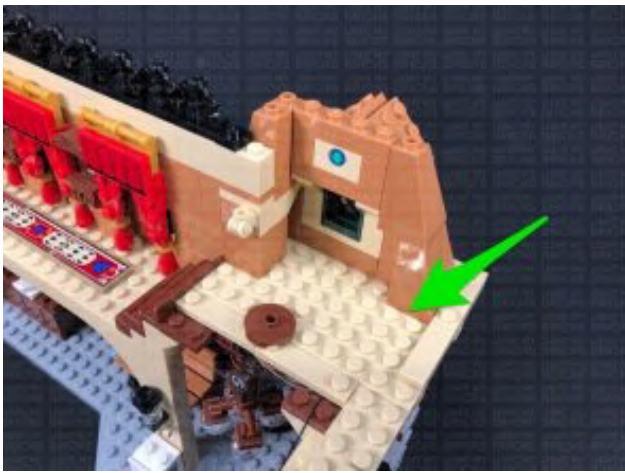


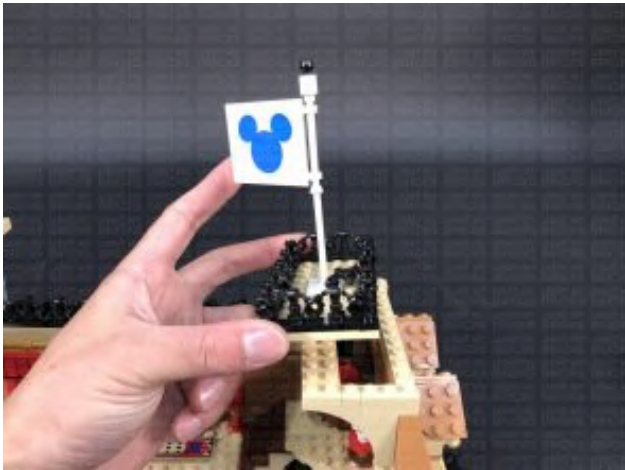
To ensure there is no more excess cable from the 30cm cable dangling down, pull up any excess cable and secure it underneath the following 2x4 plate ensuring it is laid in between studs.





20.) Reconnect the second floor sections as well as the chair, then disconnect the roof using your LEGO Removal Tool.



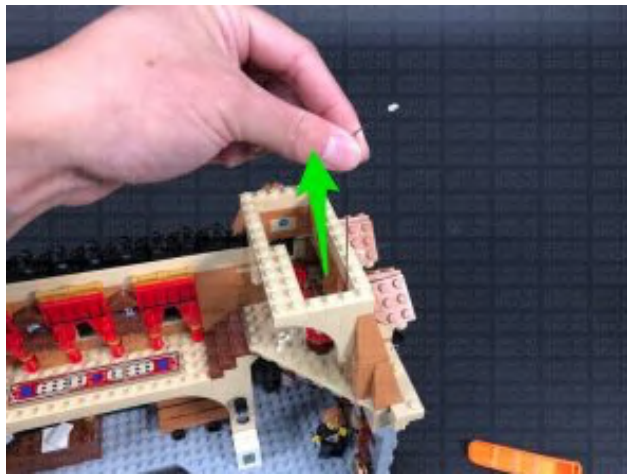
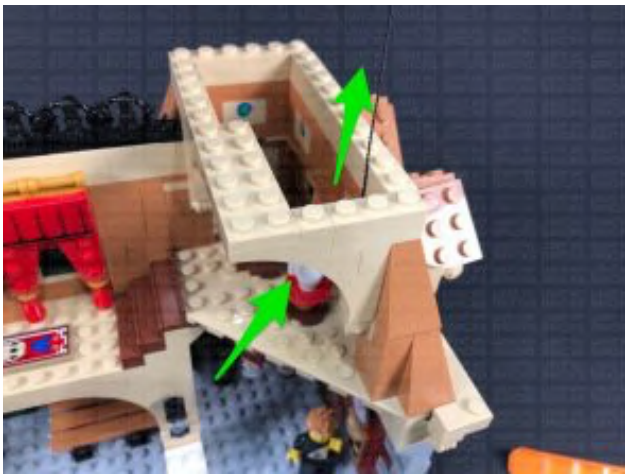
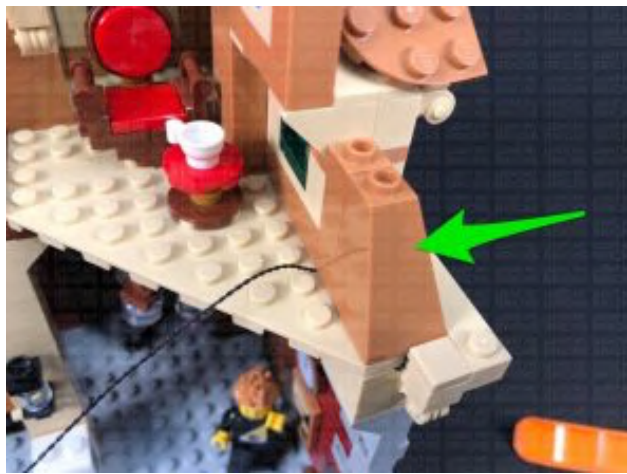
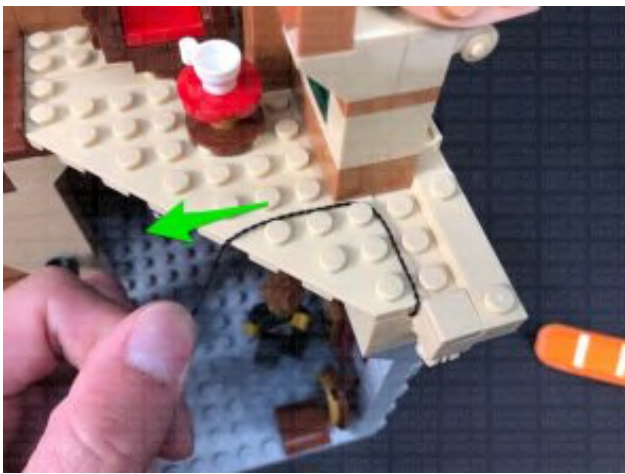


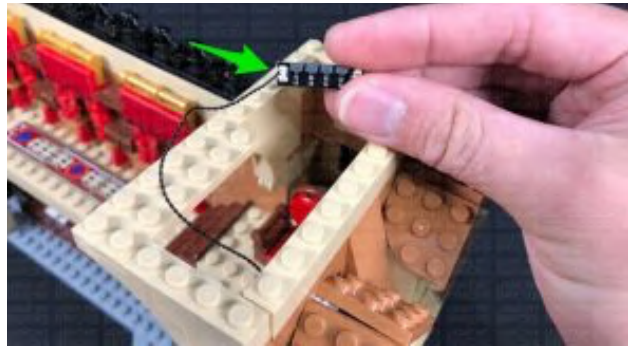
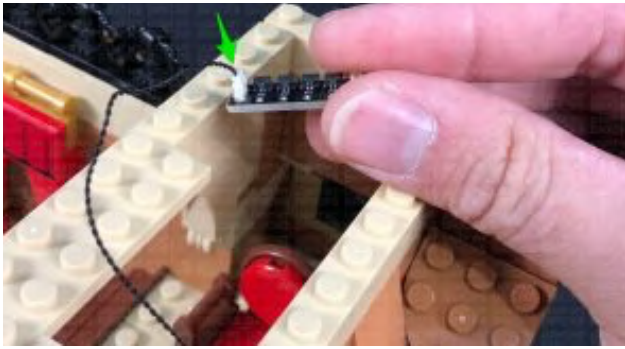
Continue to disconnect the following sections on the top floor.



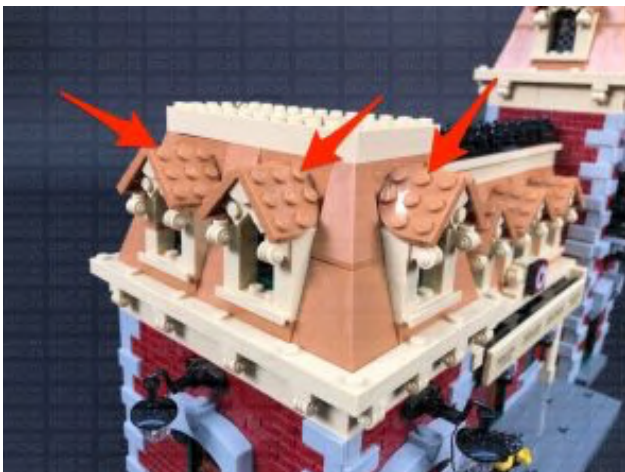


Bring the 30cm Cable up to the top floor and lay it around the following studs, then reconnect the brown angled bricks over the top. Bring the cable up to the top of the set and connect it to a new **Micro 4-Port Expansion Board** (large port).

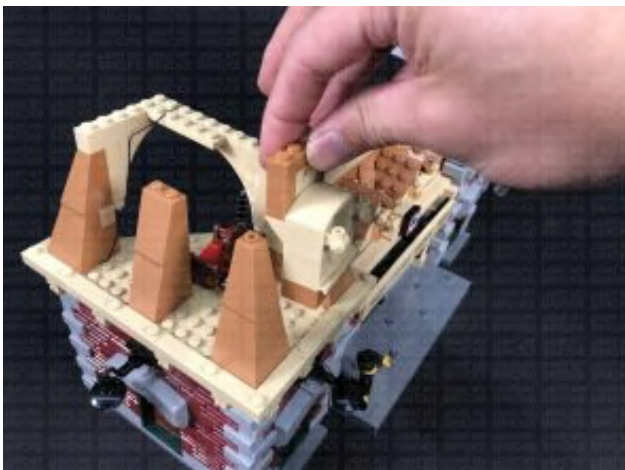
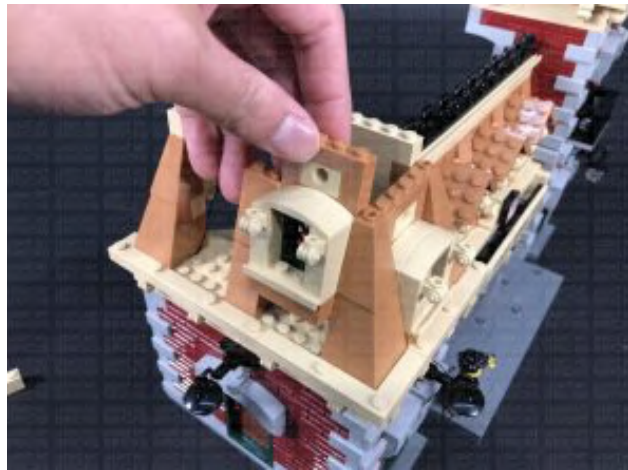
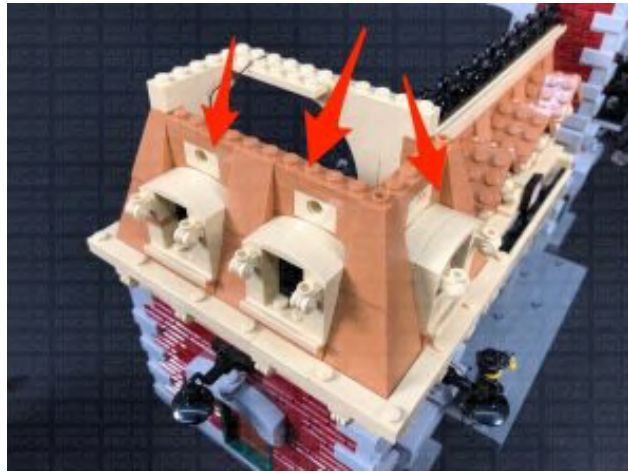
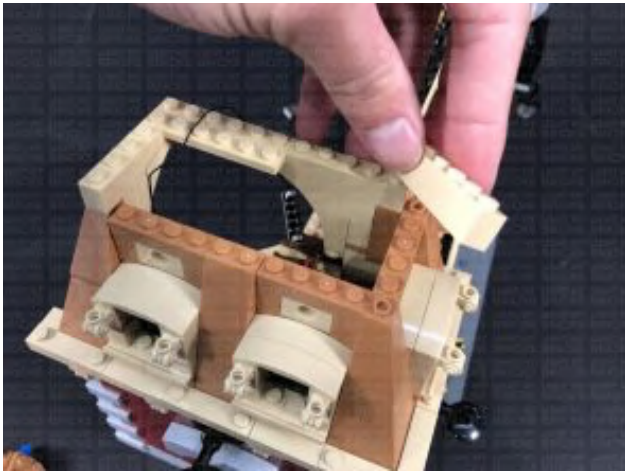




21.) Turn the set around to the front left corner. Disconnect the three window roof sections via the technic pins as shown below, followed by the long bricks on top to allow us to remove the three window sections.

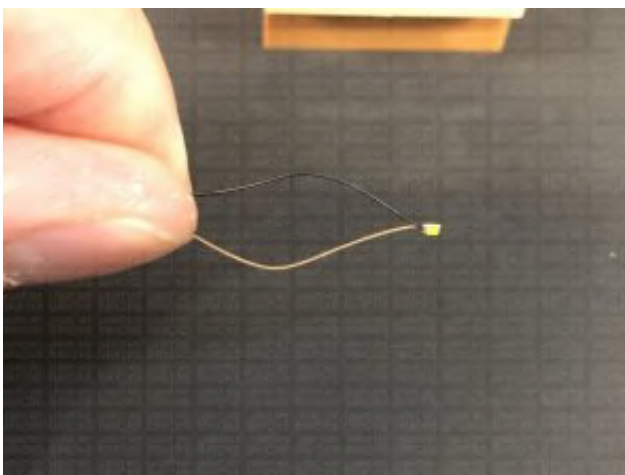
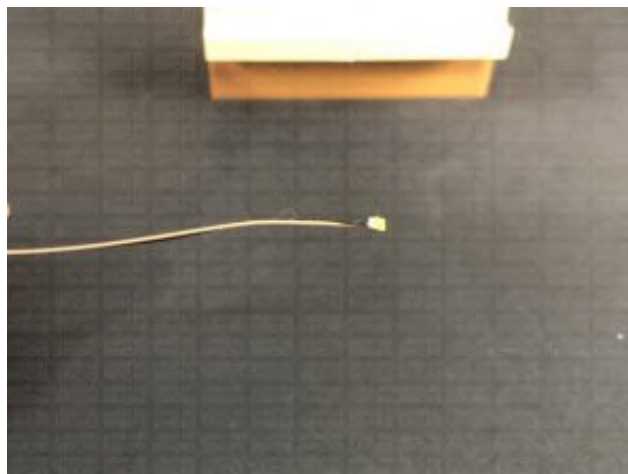




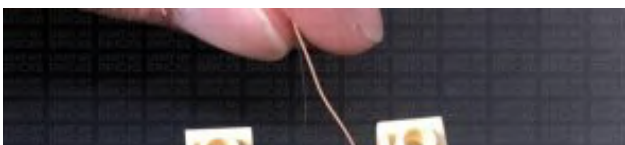


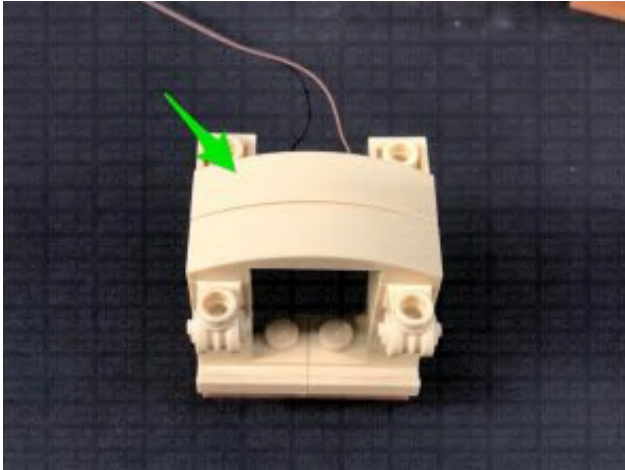
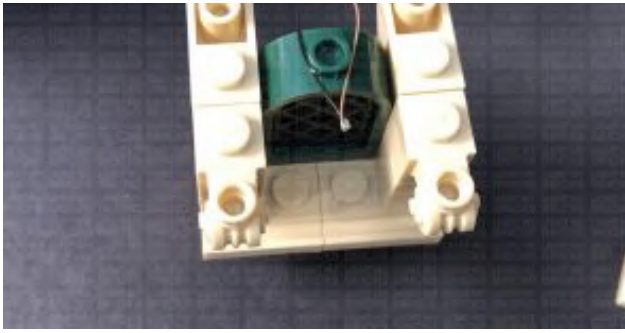
22.) Take one of the window sections and disconnect the following pieces from the top. Take a **White 15cm Micro Bit Light** and split the brown and black cable

as shown below.

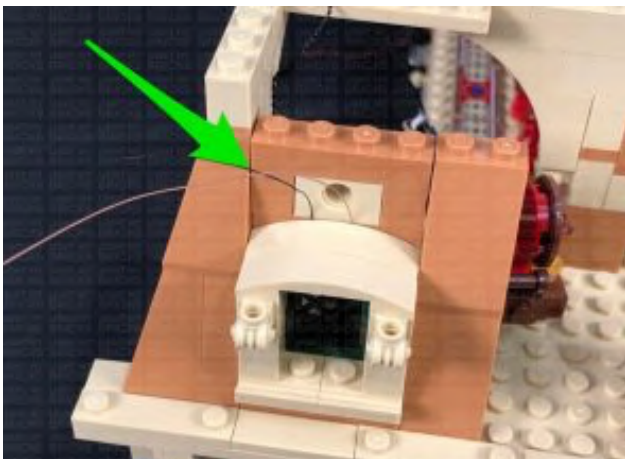
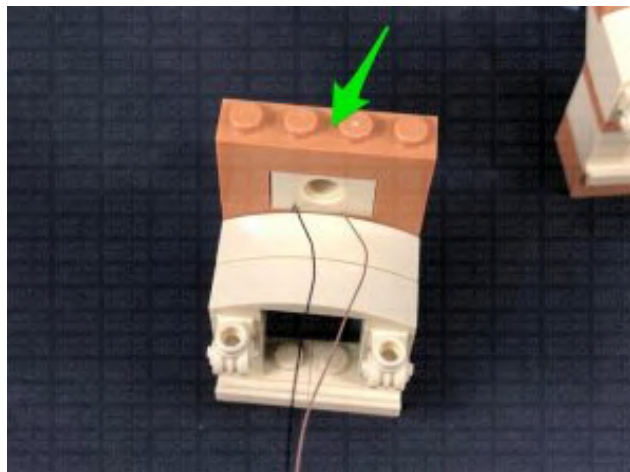
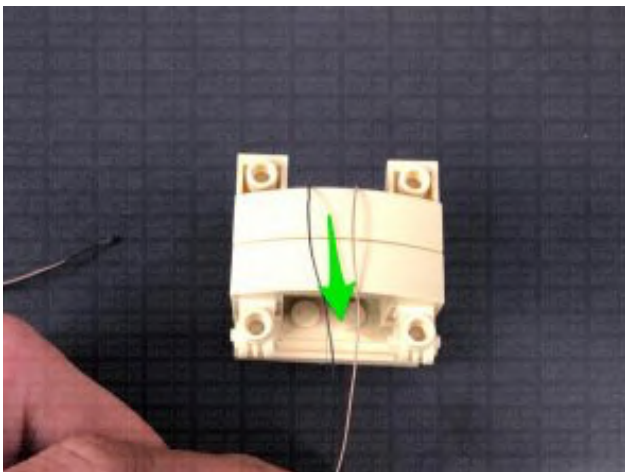


With the LED facing down and cable facing the back, place the bit light over the green stud of the window, with a cable on either side. Secure the Micro Bit Light in place by reconnecting the two arched pieces.

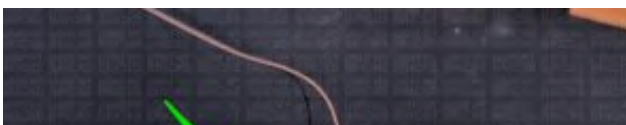
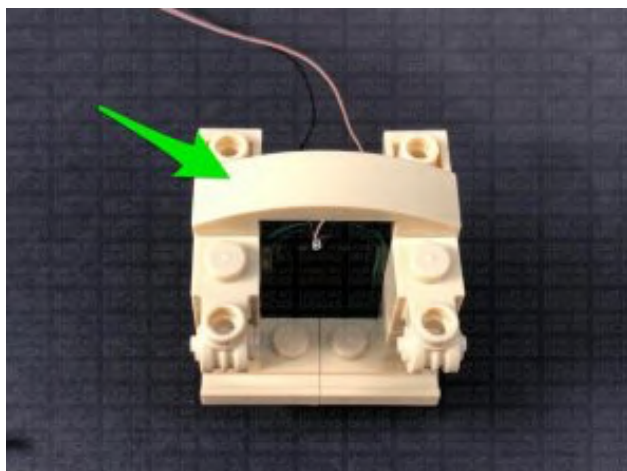
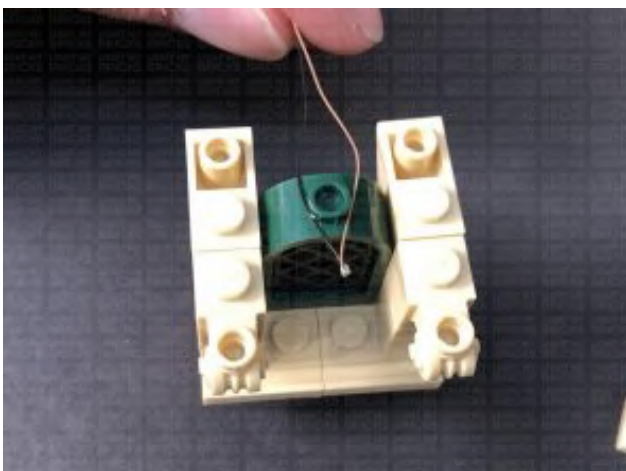
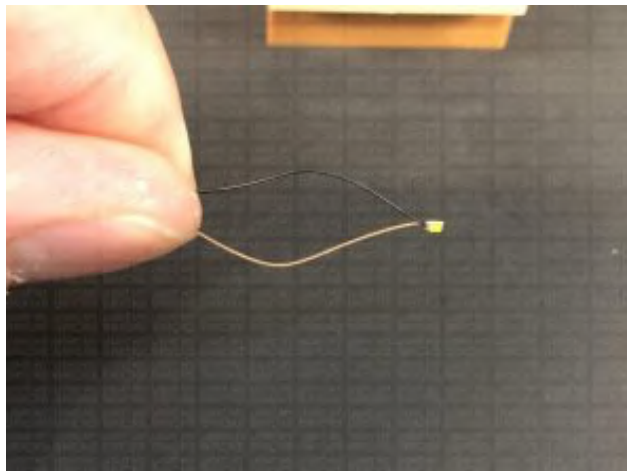
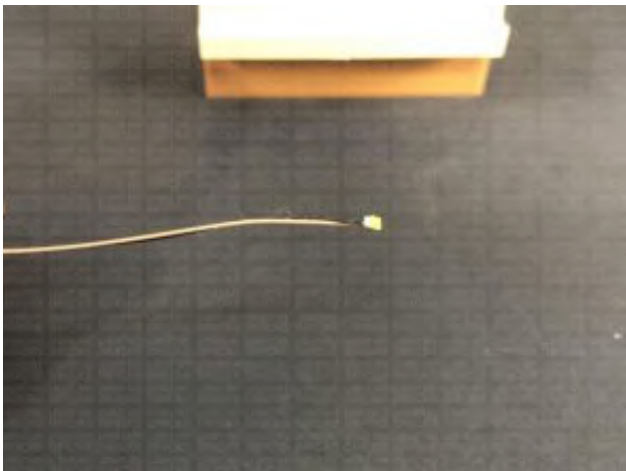


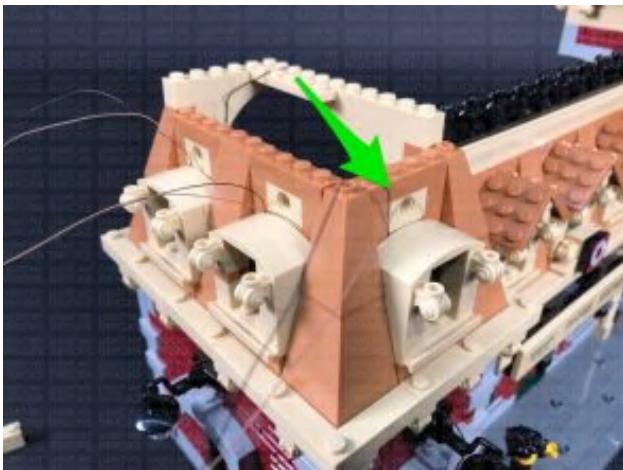
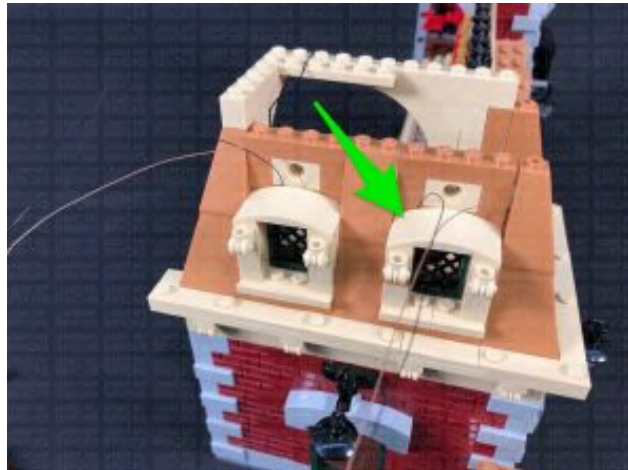
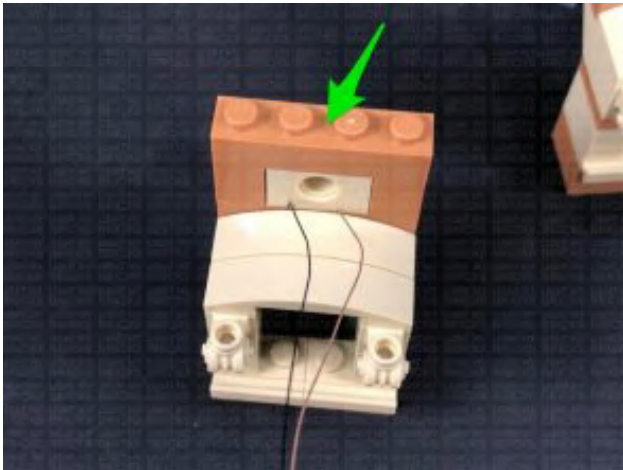
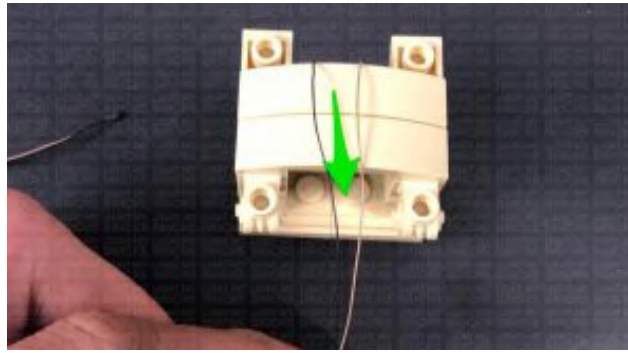


Bring the cable over the arched pieces, then reconnect the remaining section. Reconnect this window section to the far left side of the station.

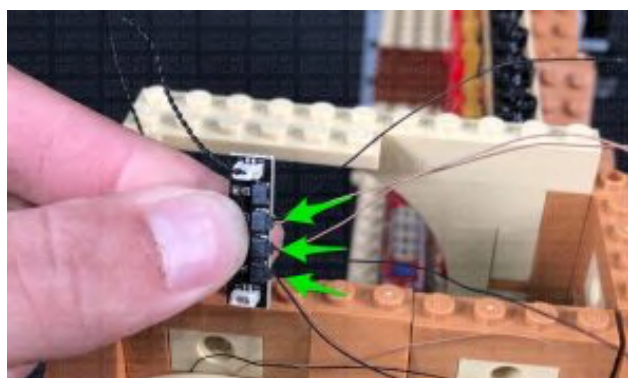
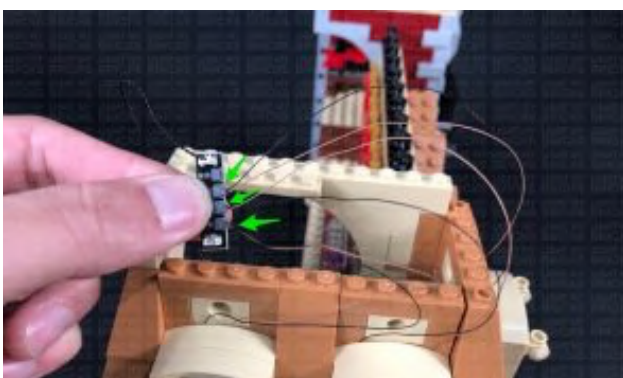


23.) Repeat the previous step to install another **2x White 15cm Micro Bit Lights** to the other two window sections, then reconnect each one to the left side of the station.



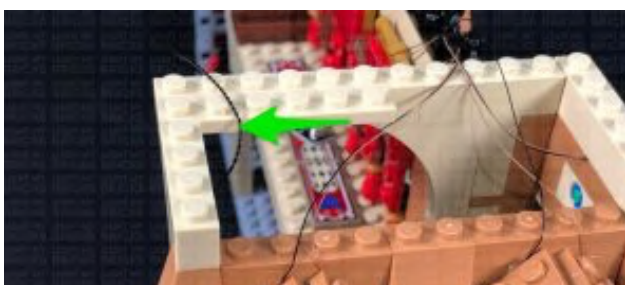
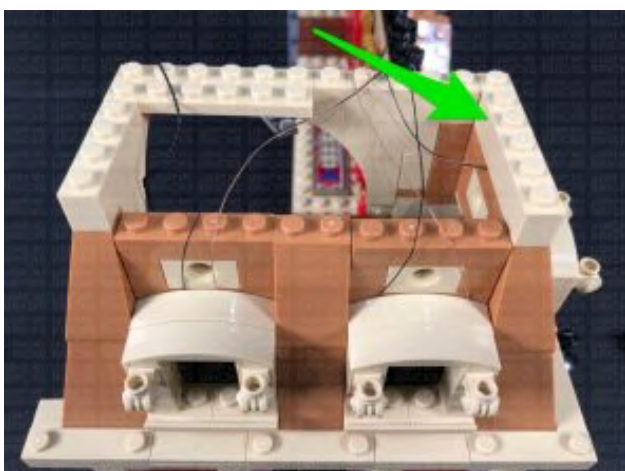


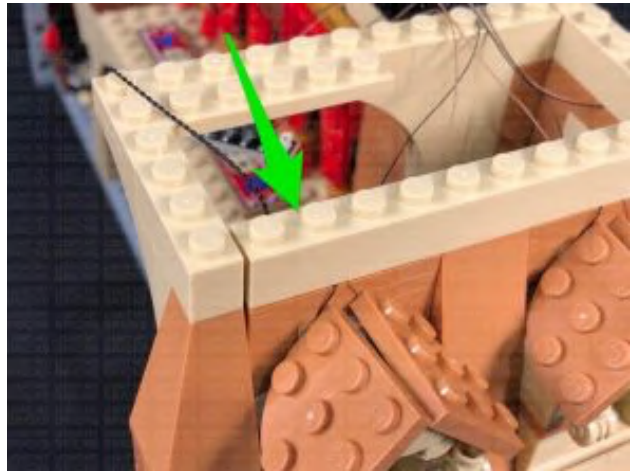
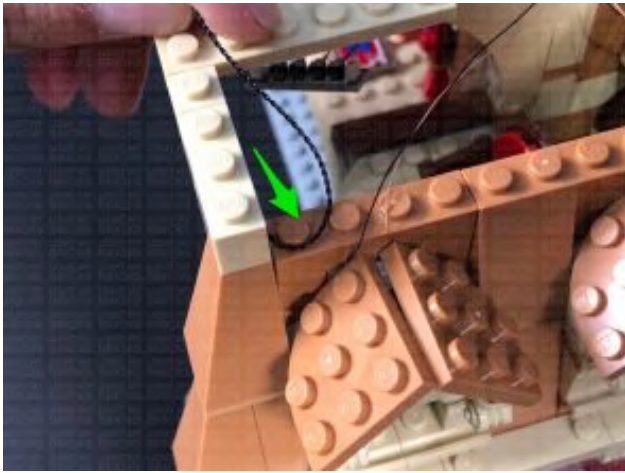
Connect the three Micro Bit Lights to the Micro Expansion Board on the top of the station, then turn ON the power to test the window lights are all working OK.



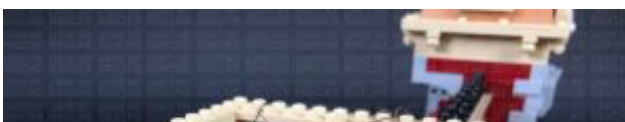


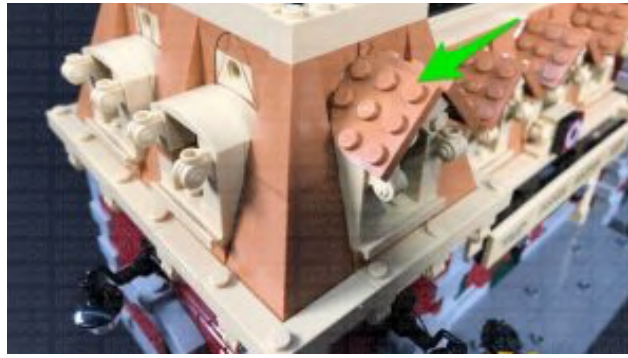
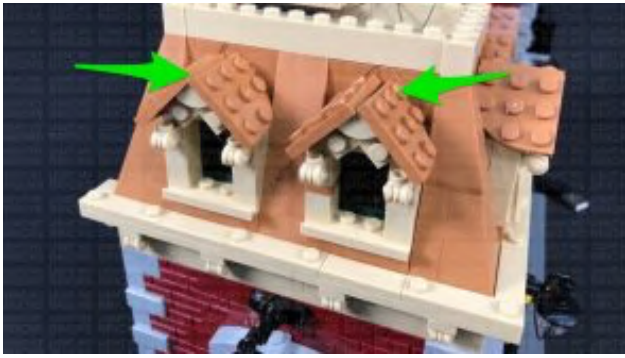
24.) Lay the cable from the front window the wall behind and in between studs, then do the same for the two window cables on the left side. Secure them down by reconnecting both the long bricks over the top. Before reconnecting the long brick over the side with two windows, secure the 30cm connecting cable by pulling it up and laying it around the brown stud underneath. This will help hide the cable and prevent it from being seen when looking inside the room.



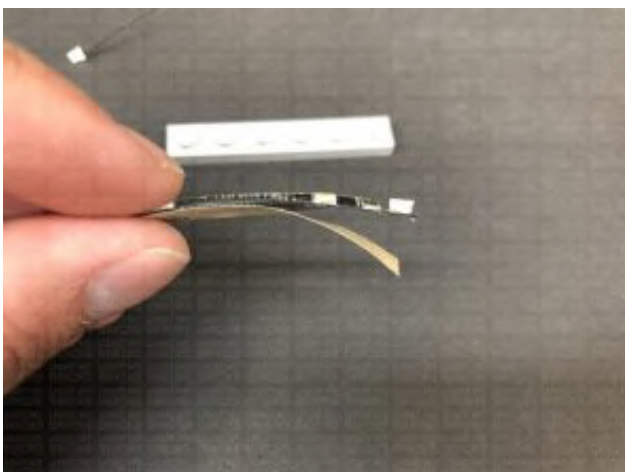
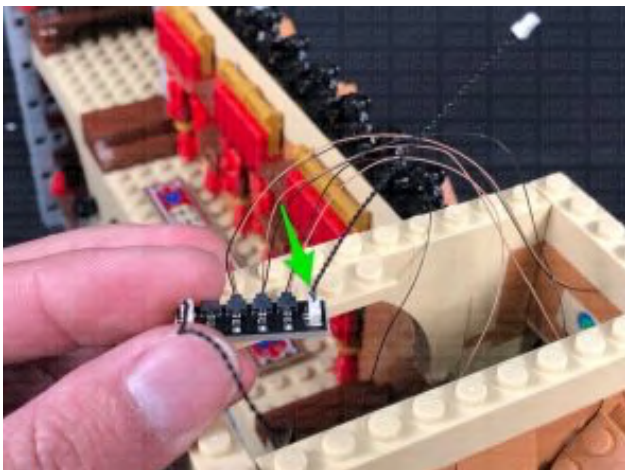


Reconnect the window roof sections via the technic pins.



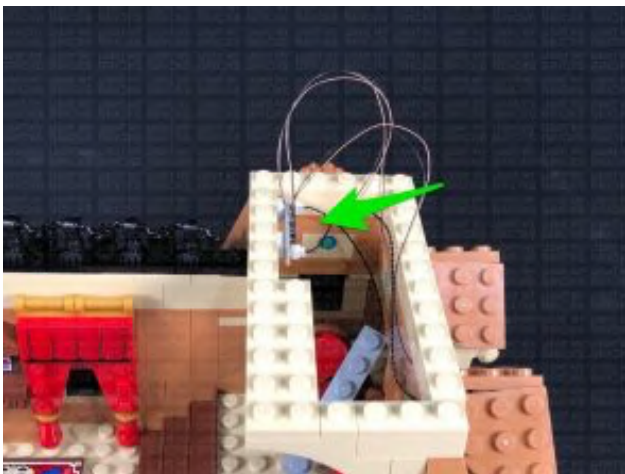
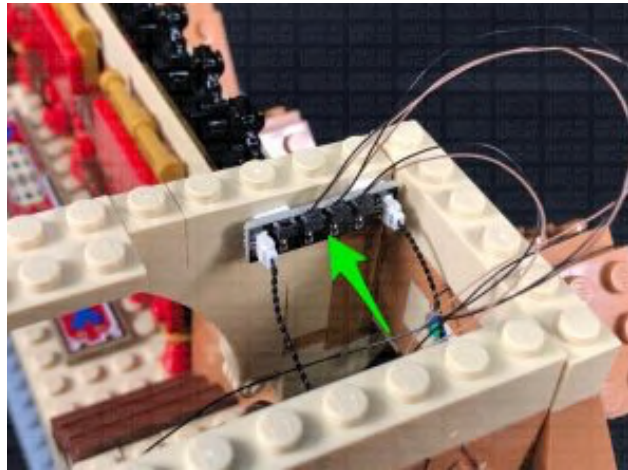
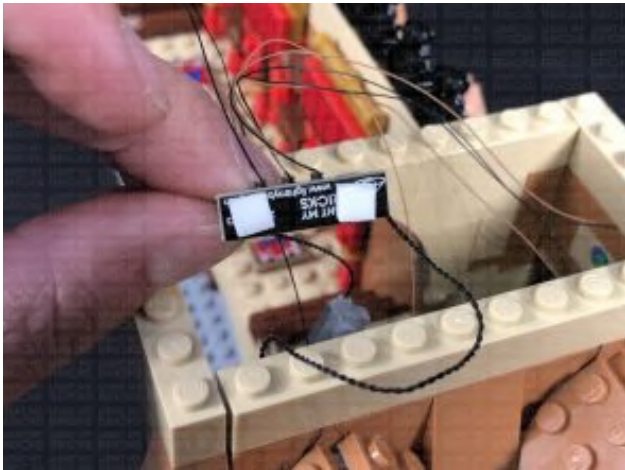
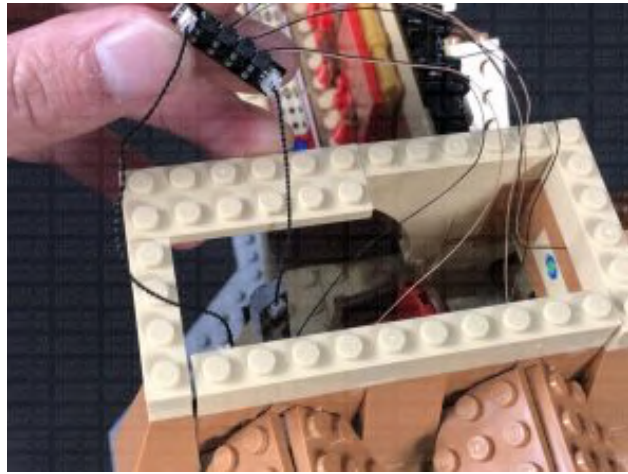
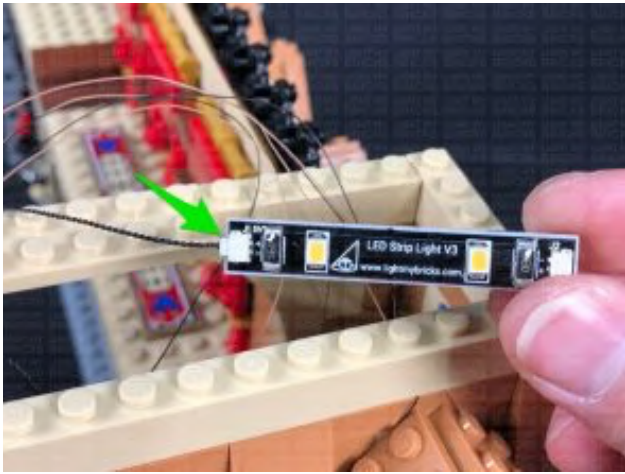


25.) Take a **5cm Connecting Cable** and connect it to the other large port on the Micro Expansion Board. Take a **Warm White Strip Light** and using it's adhesive backing, stick it to the base of another provided **Plate 1x6**.

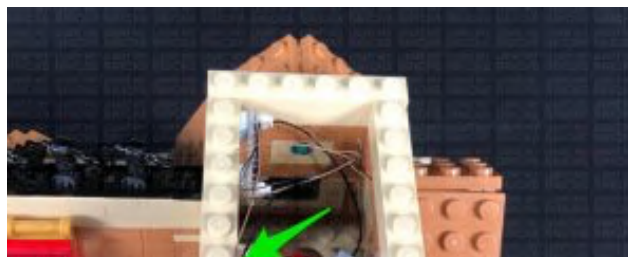
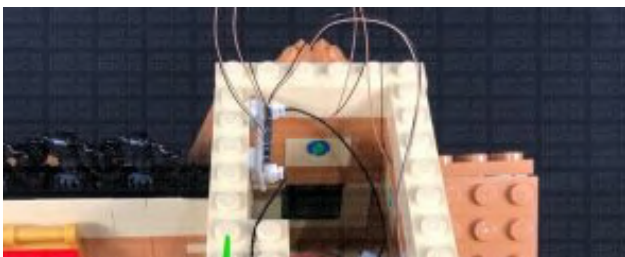


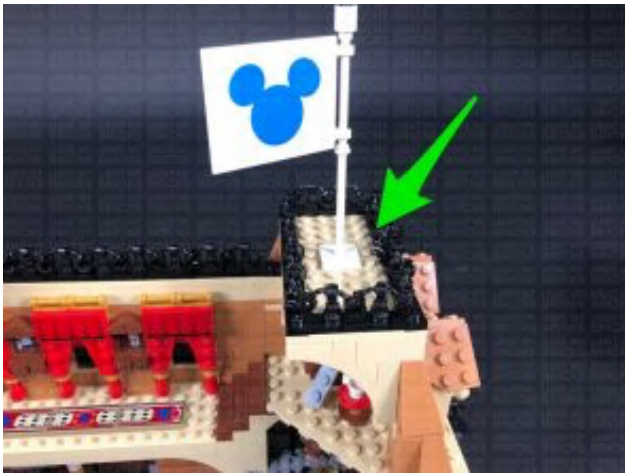
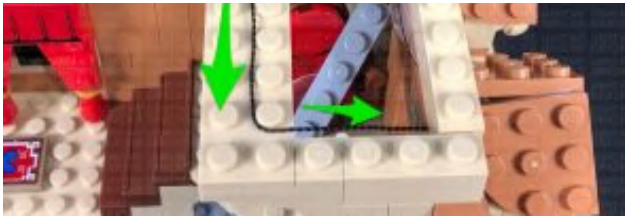
Connect the other end of the 5cm cable to the strip light, then stick the Micro Expansion Board to the inside of the wall using **2x Adhesive Squares**.



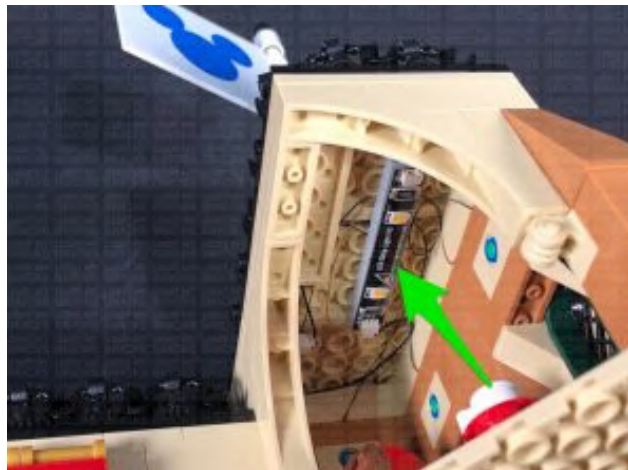


Bring the 30cm Cable up, along with one or two of the micro bit light cables and lay them in between the following studs above, then securely reconnect the roof





Tuck in any excess micro bit light cable to the corners of the ceiling before mounting the Strip Light to the roof. Test all the lights are working OK by turning on the power.



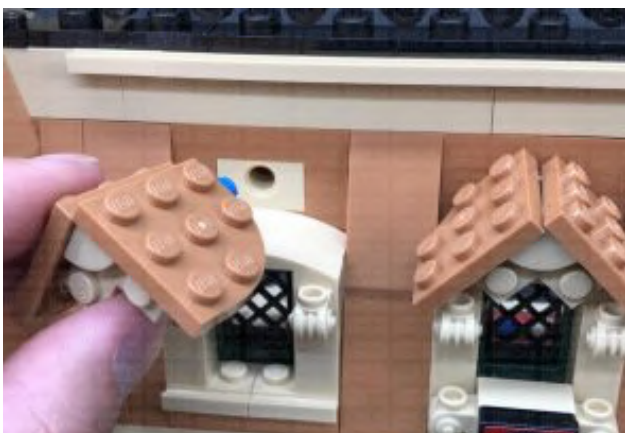


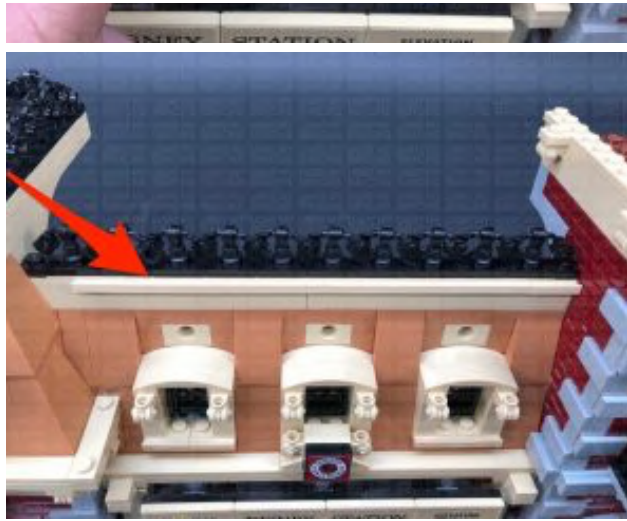
26.) Turn the set around to the back and use your LEGO Removal tool to disconnect the top floor on the left side by disconnecting it under the larger tan plates as shown below



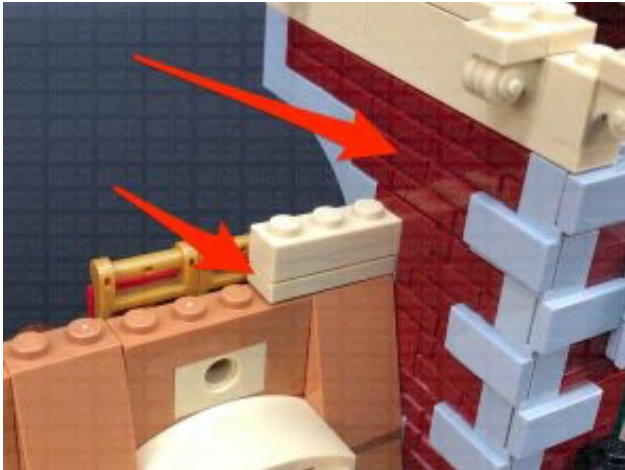


Turn the set around to the front and disconnect the roof sections from the front three windows, then follow the below images to remove the sections above.



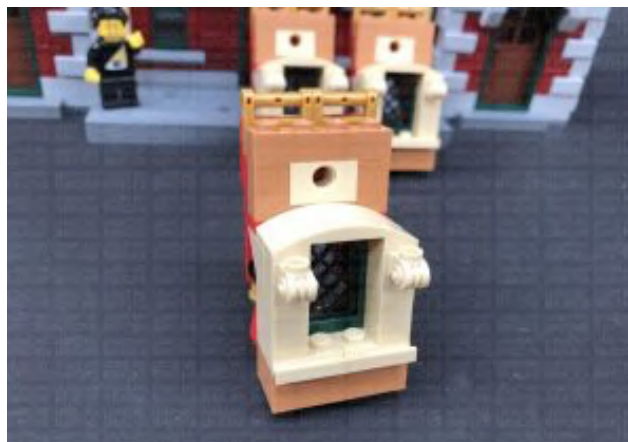


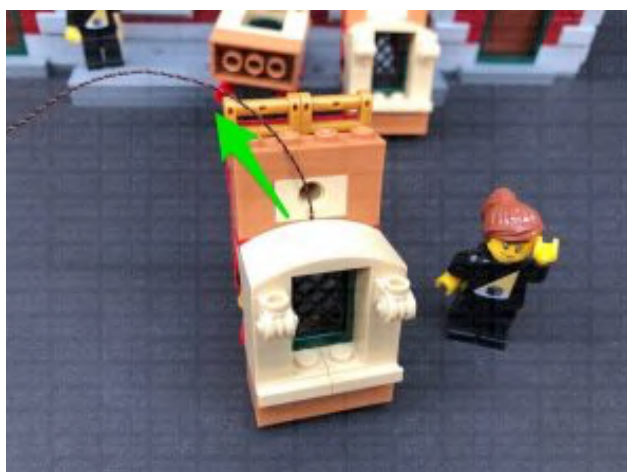
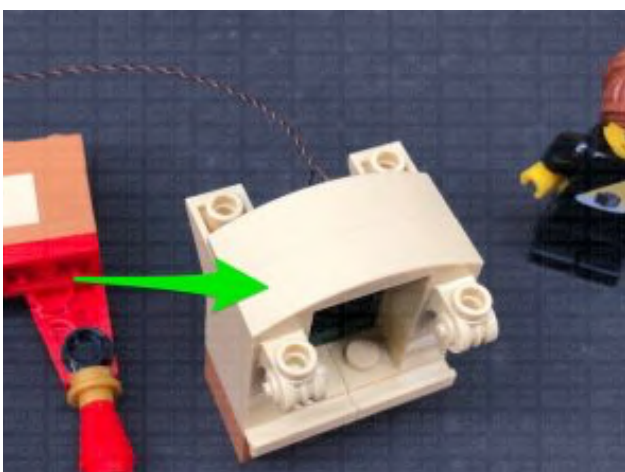
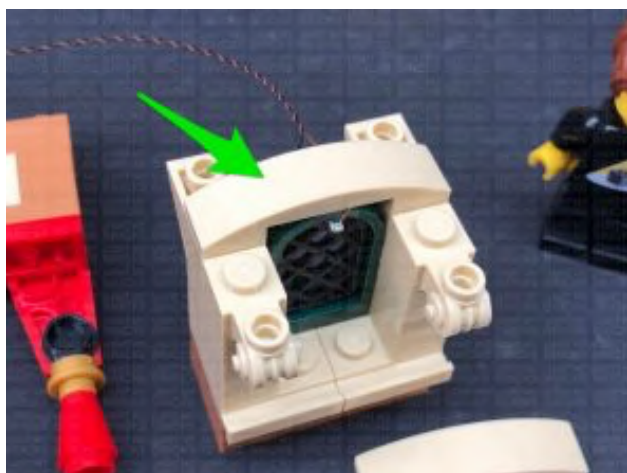
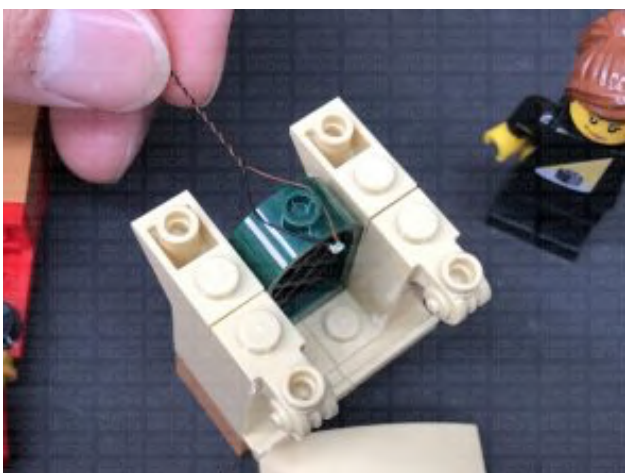
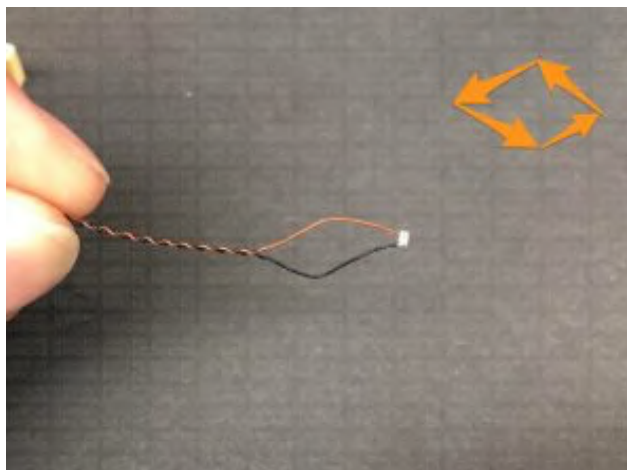
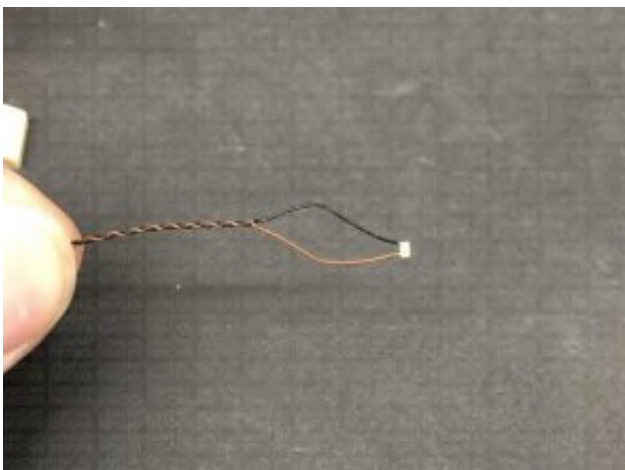
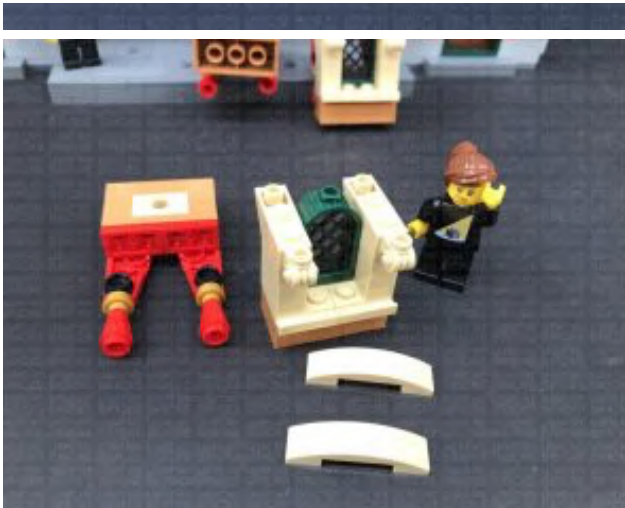
Slightly disconnect the top right section to lift up the three tan plates to allow us to completely disconnect the three window sections as shown below:



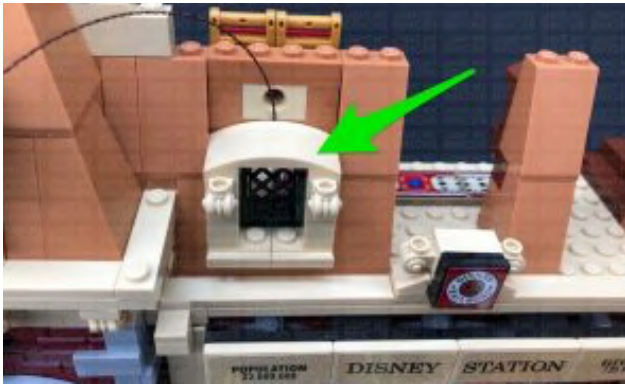


27.) Take one of the window sections and disassemble it as per below, then using the same method we used to install lights to the previous window sections, install a **White 30cm Micro Bit Light** to this window. Ensure the LED is facing down and that you use a 30cm Micro Bit Light rather than a 15cm one. Once installed, reconnect the window section to the front of the station.

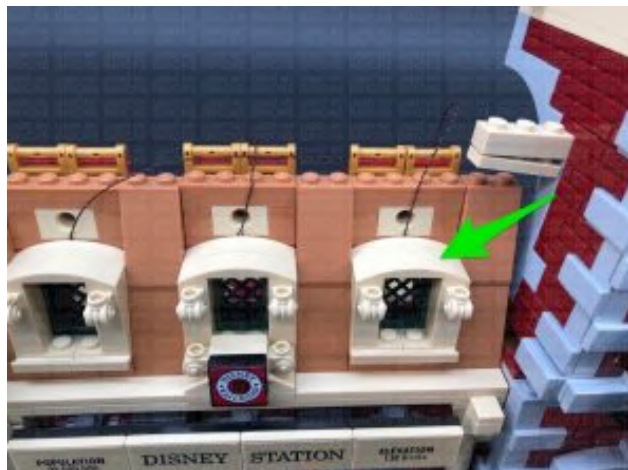
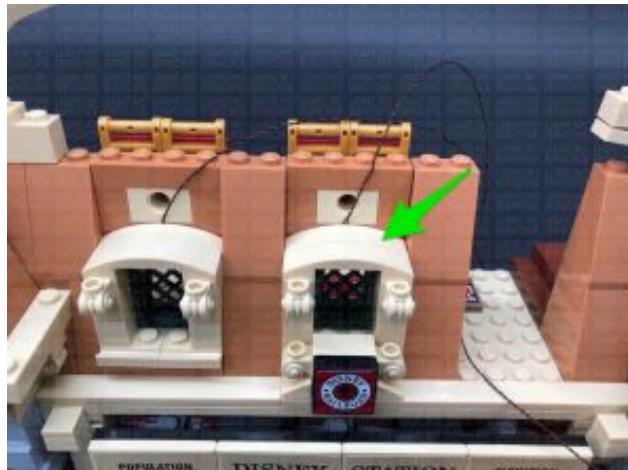






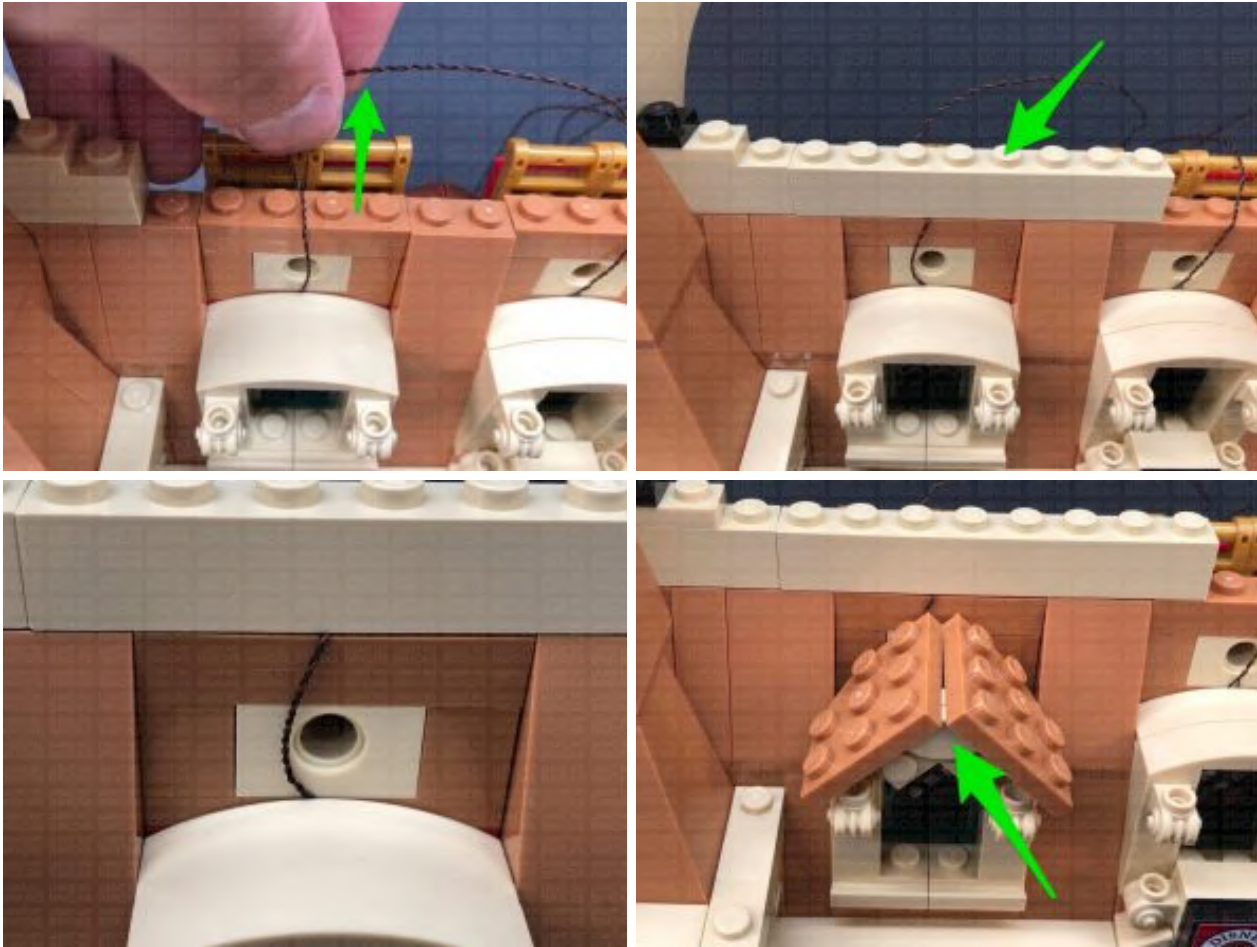


Using the same method as above, install another **2x White 30cm Micro Bit Lights** to the other two window sections, then reconnect them to the front of the station.

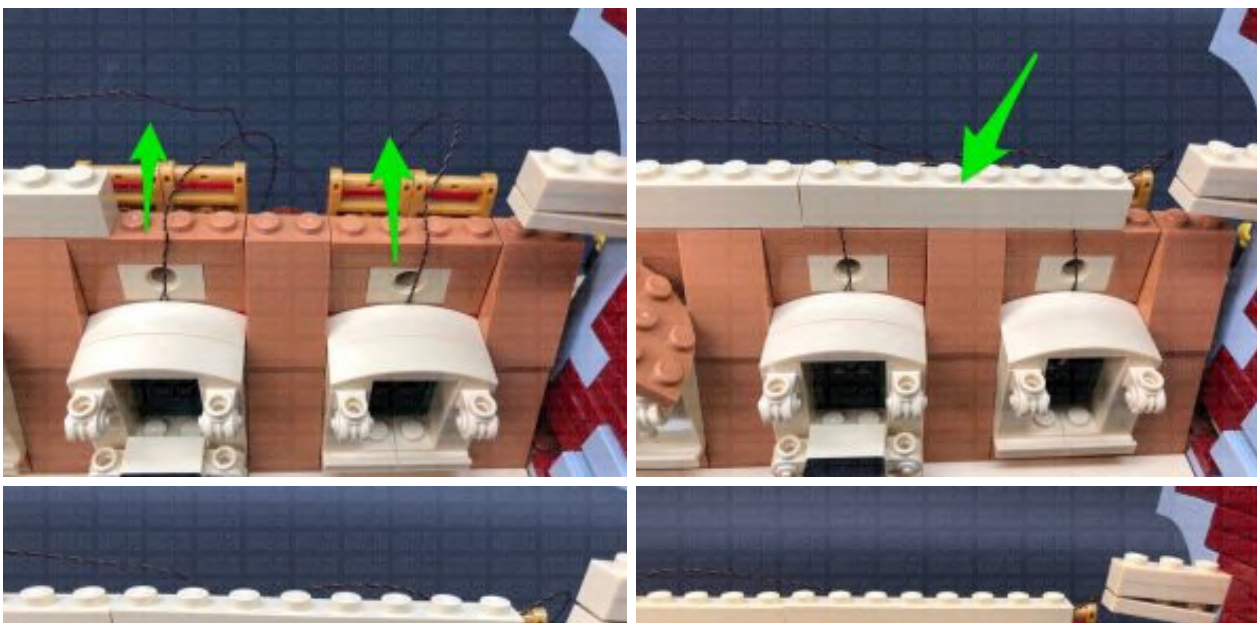


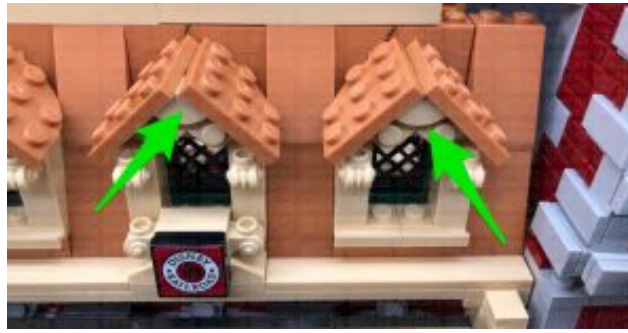
28.) Lay the left window cable behind in between studs, then reconnect the

first 1x8 brick over the top. Ensuring the cable is moved to the side of the front hole, reconnect the window roof section.

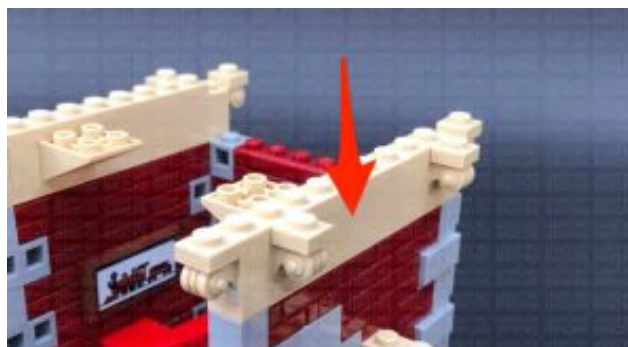


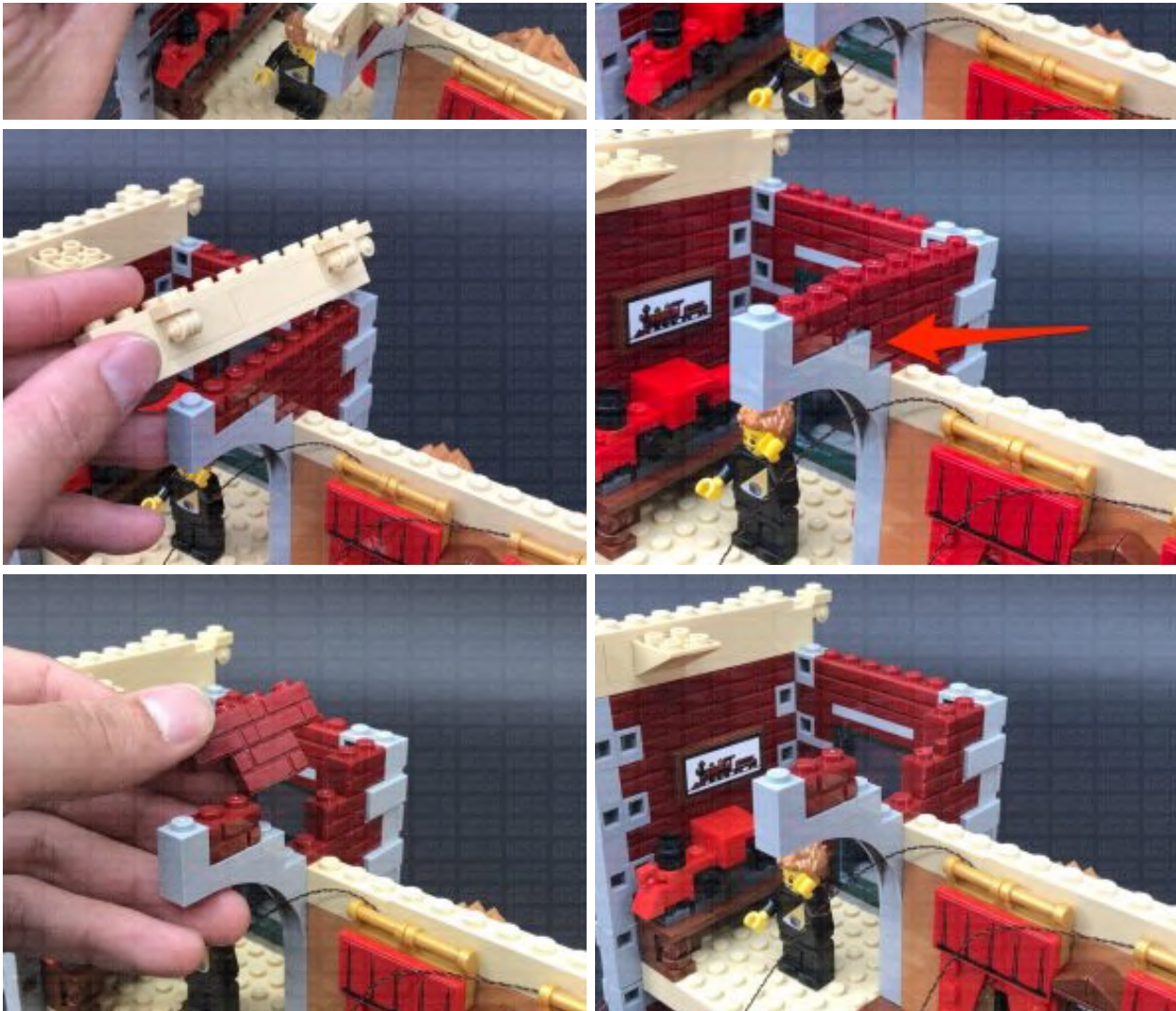
Repeat this for the other two window cables, before reconnecting the other 1x8 brick, the window roof sections, and the top right section.





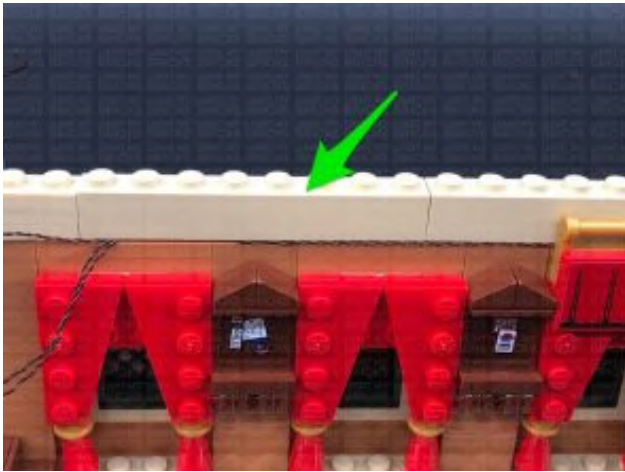
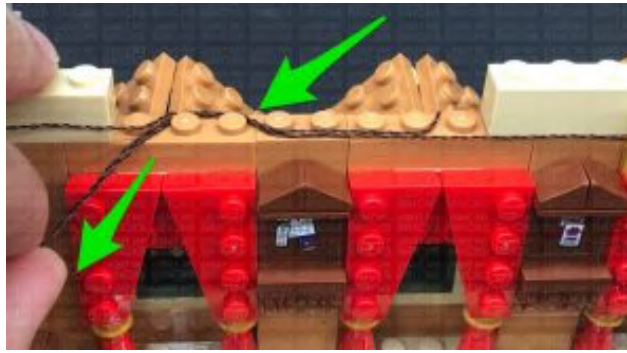
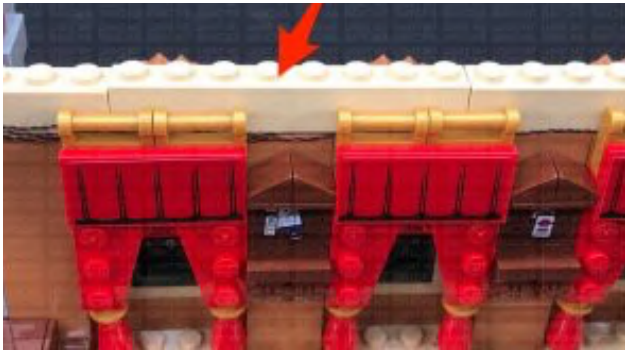
29.) Turn the set around to the back and disconnect the following sections from the top floor.





Take the three 30cm Micro Bit Light cables and bring them across to the left side. Secure the middle and right cable underneath the following 1x8 brick by laying in between studs as shown below.





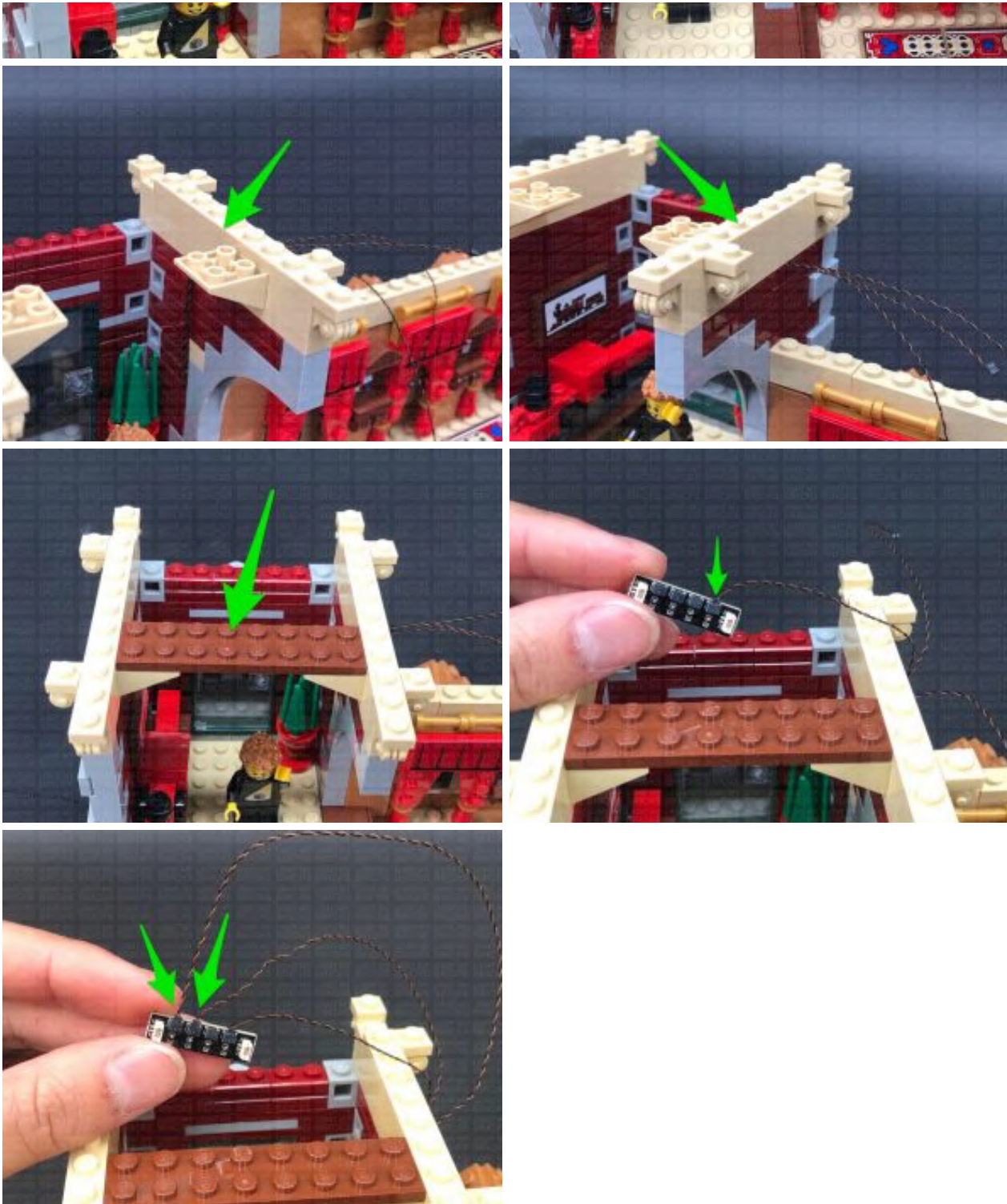
Disconnect the tan bricks on the left side and lay the three cables toward the front in between the studs on the left. Reconnect the tan bricks as well as the other bricks we disconnected. The Micro Bit Light cables should be well hidden from the back of the set.





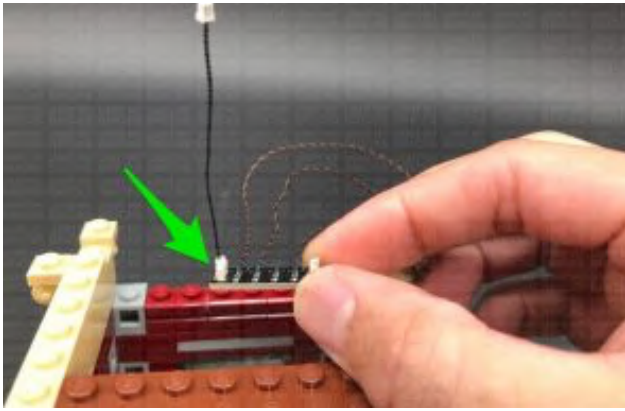
30.) Bring the Micro Bit Light cables up and over the right wall before reconnecting the remaining sections over the top. Ensure the cables are laid in between studs. Connect the micro bit lights to a new **Micro 4-Port Expansion Board**.



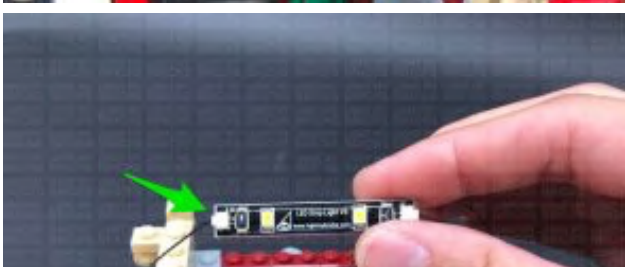
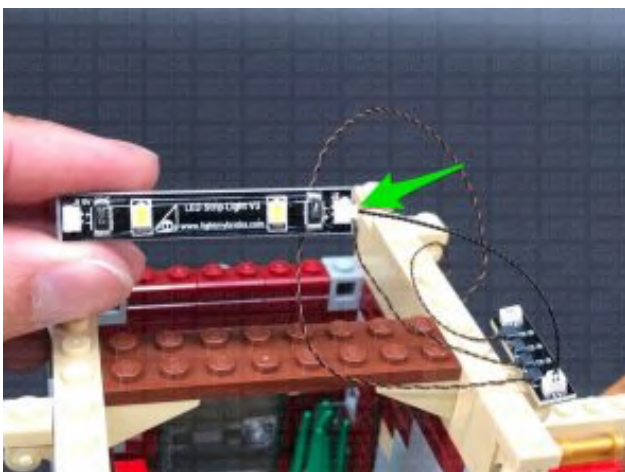


31.) Take a **5cm Connecting Cable** and connect it to the Micro Expansion Board. Take another **Warm White Strip Light** and using it's adhesive backing, stick it to the base of another provided **LEGO Plate 1×6**.

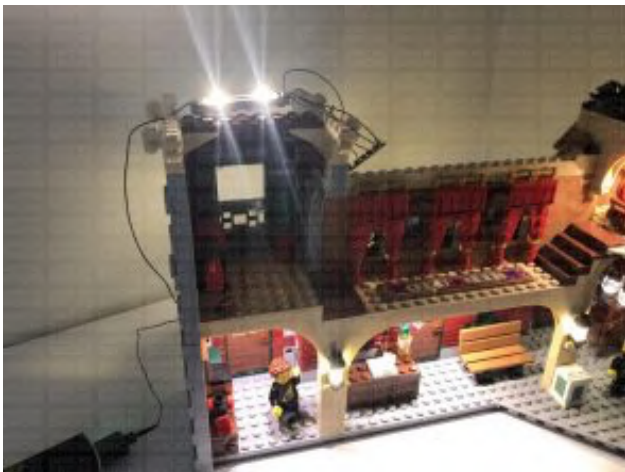




Connect the other end of the 5cm Cable to the Strip Light's right port then connect the other end of the 15cm Connecting Cable from the left side of the station to the Strip Light's left port. Turn ON the power to test the strip light and front window lights are working OK.

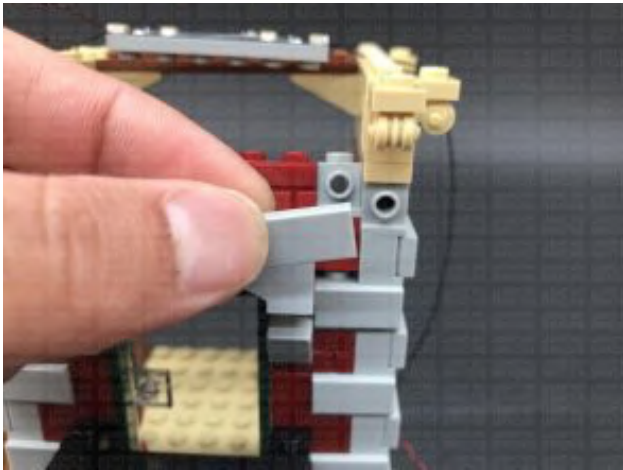
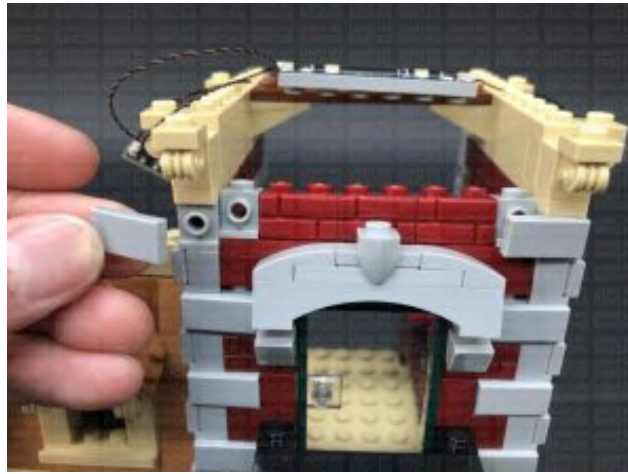




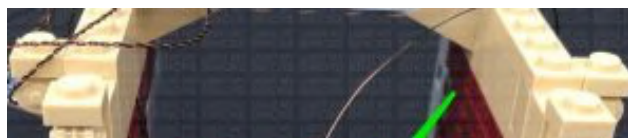


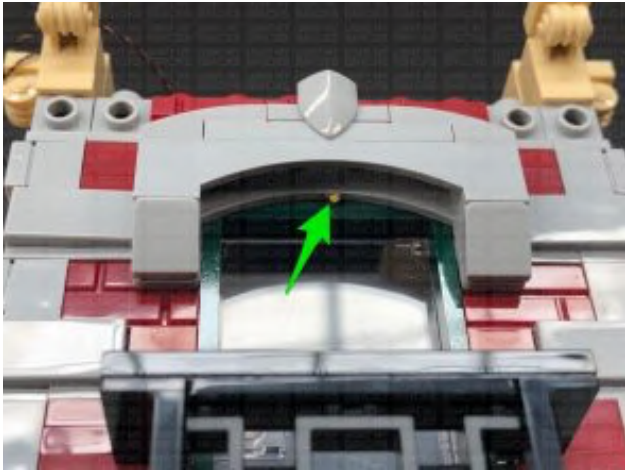
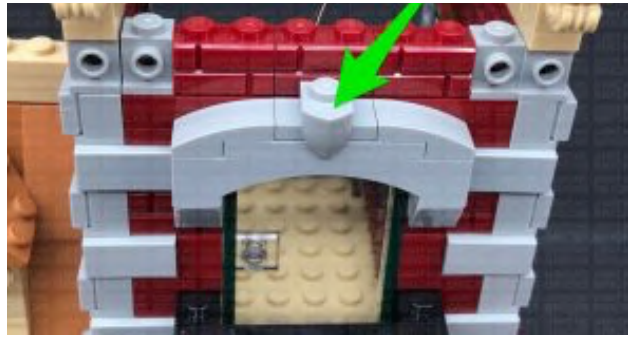
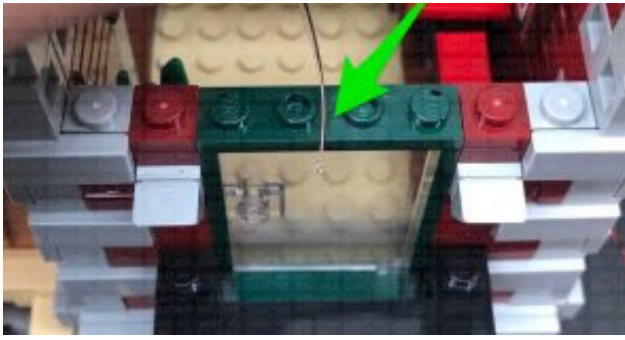
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

**32.)** Turn the set around to the front and disconnect the following pieces to enable us to disconnect the section above the balcony door.

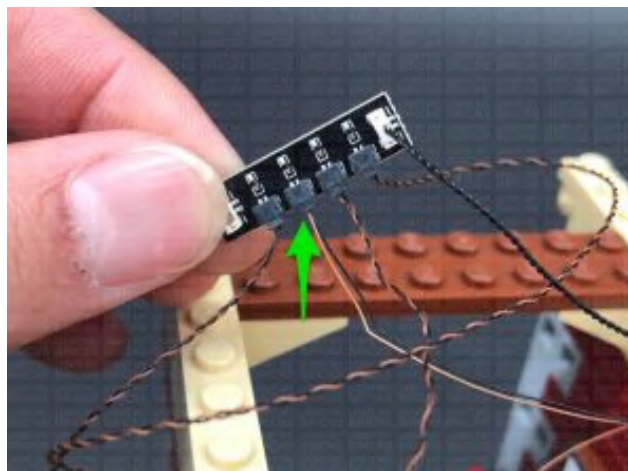
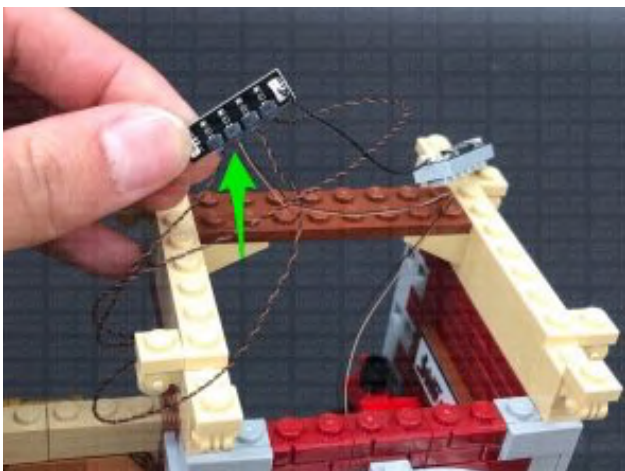


Take a **White 15cm Micro Bit Light** and with the LED facing down and cable facing the back, place it over the balcony door in between the centre studs. Secure the micro bit light in place by reconnect the top section. Pull the Bit Light cable back so that the LED is positioned directly underneath to shine down on the balcony area.

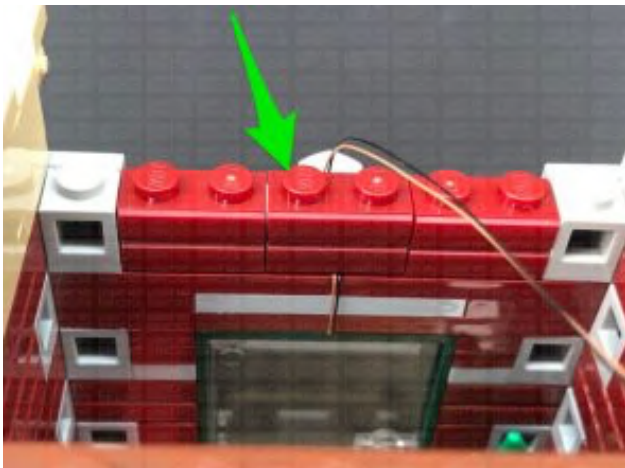
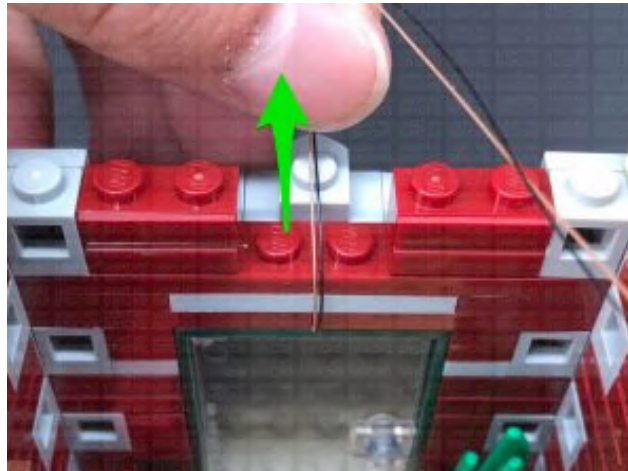
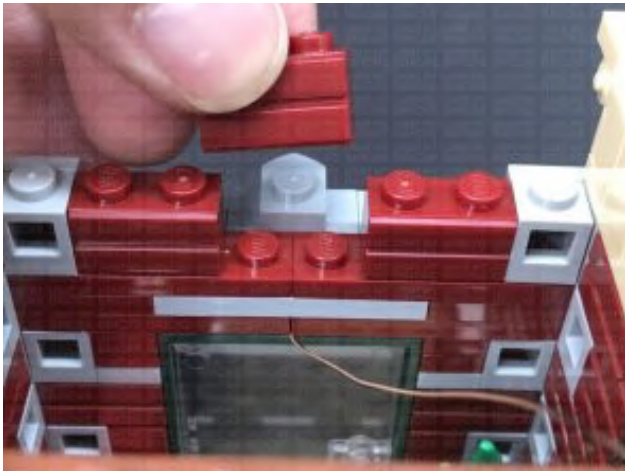
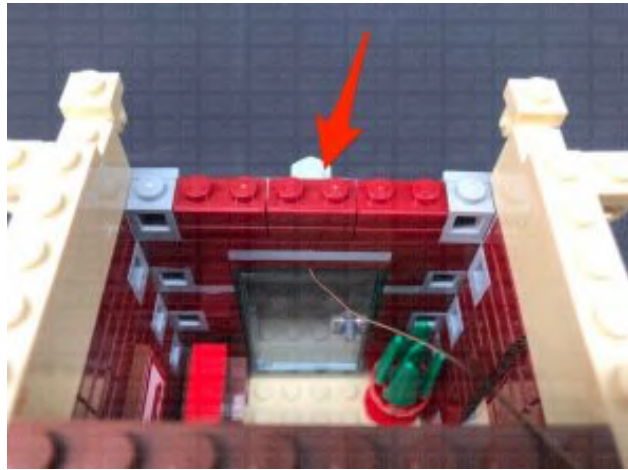
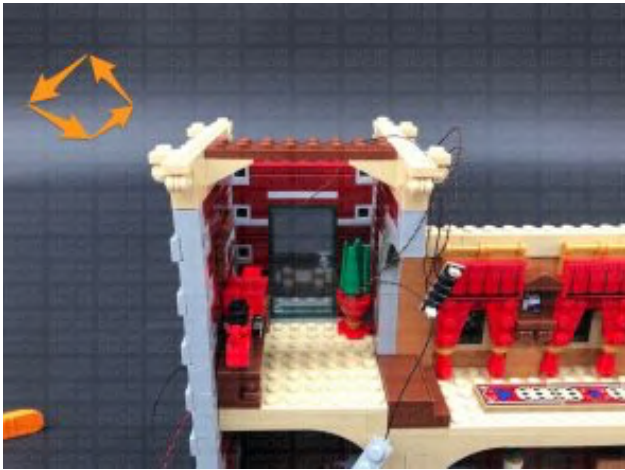




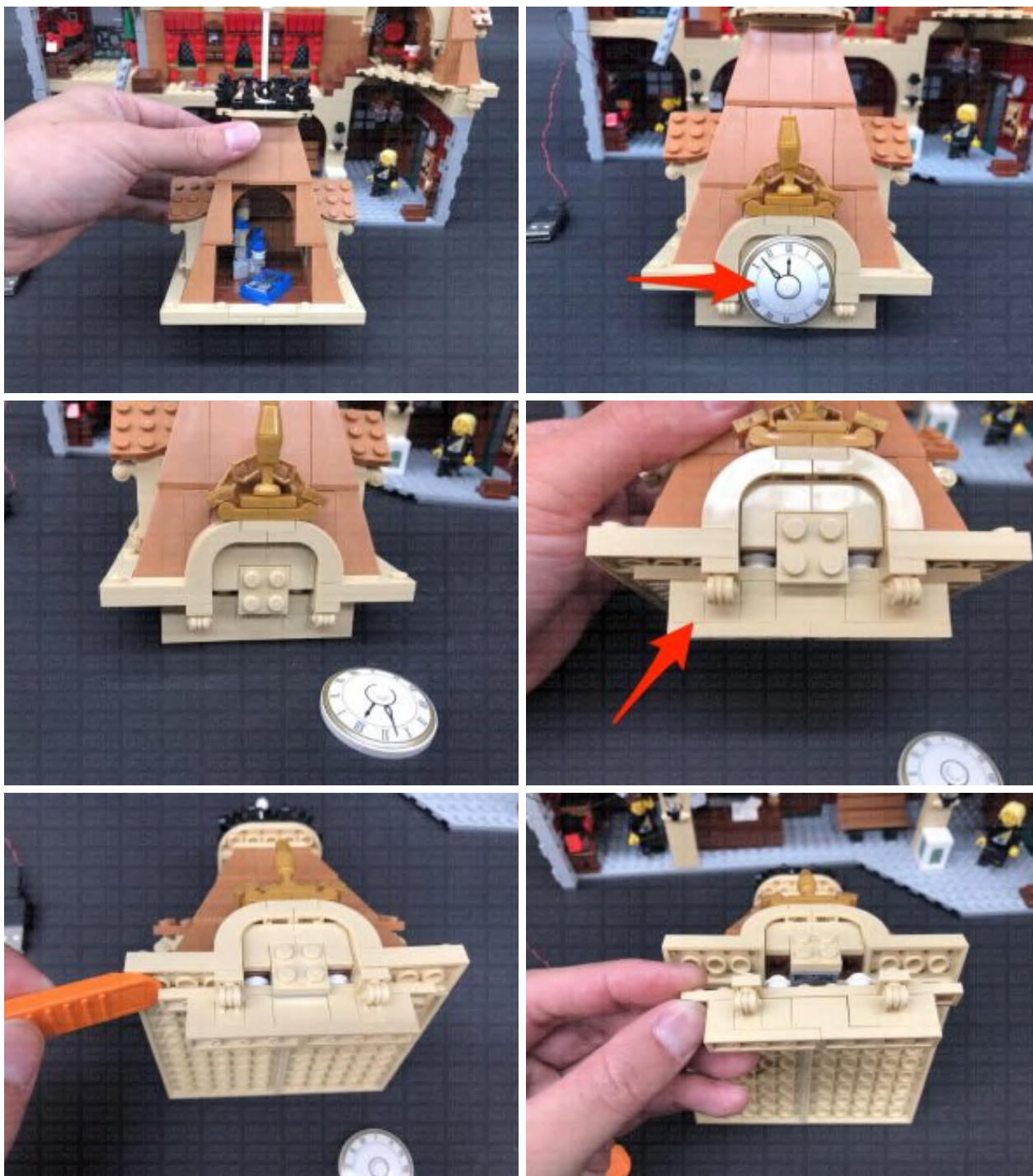
Connect the Micro Bit Light to the Micro Expansion Board, then turn ON the power to test the balcony light is working OK.



**33.)** Turn the set back around the back and disconnect the following 1×2 brick. Bring the Micro Bit Light cable up from underneath and lay it in between studs. Reconnect the 1×2 brick over the top.

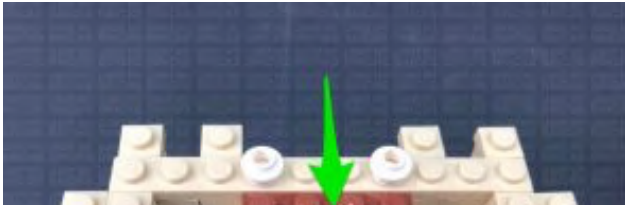
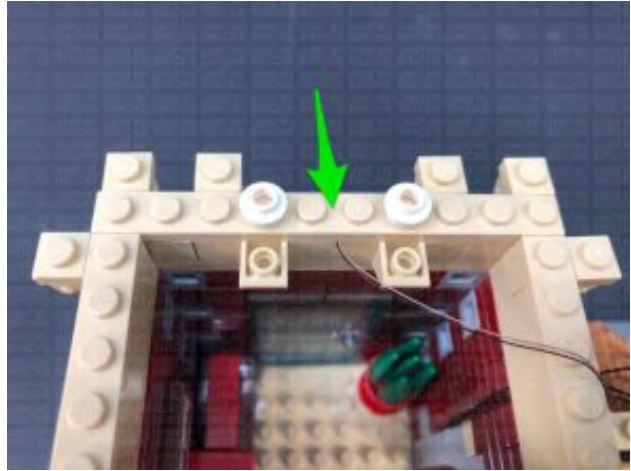
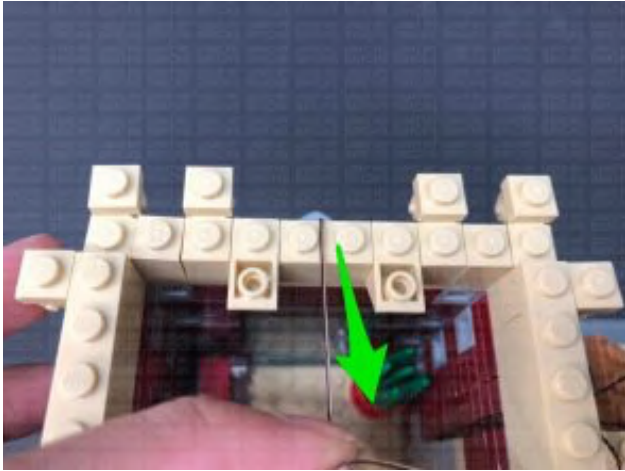
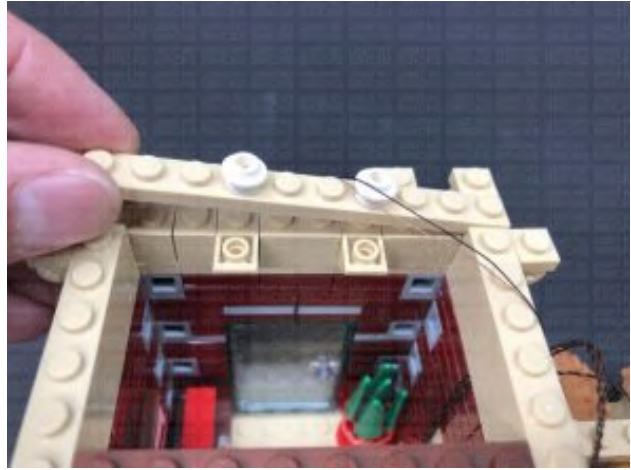
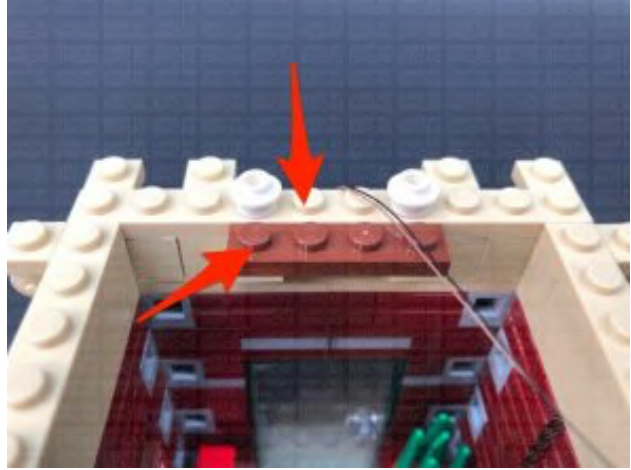
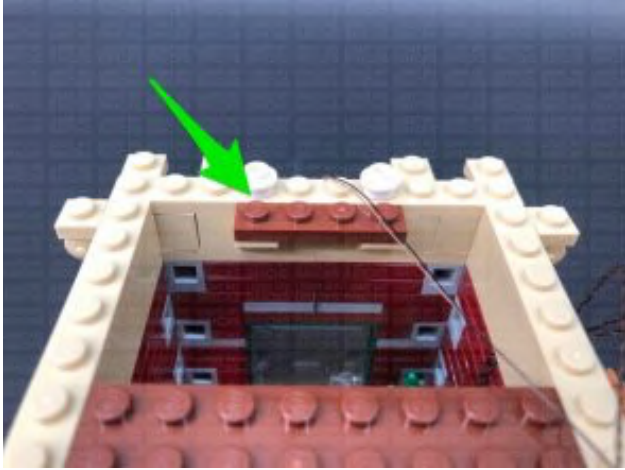
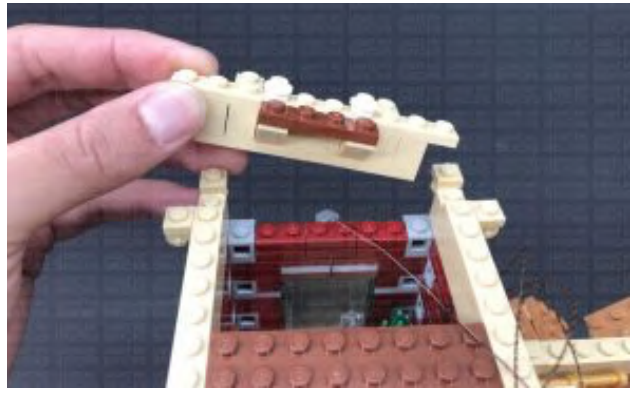


Take the top floor section and disconnect the clock dish from the front, then using your LEGO Removal Tool, disconnect the bottom section as shown below:



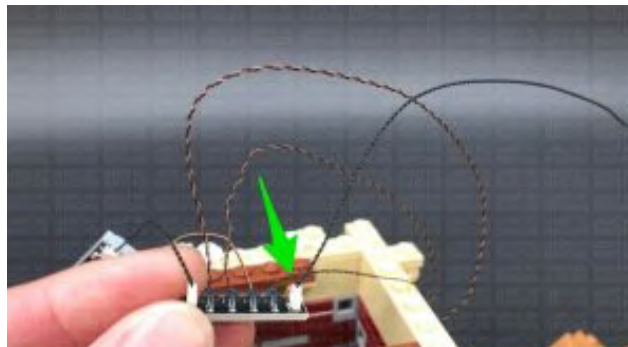
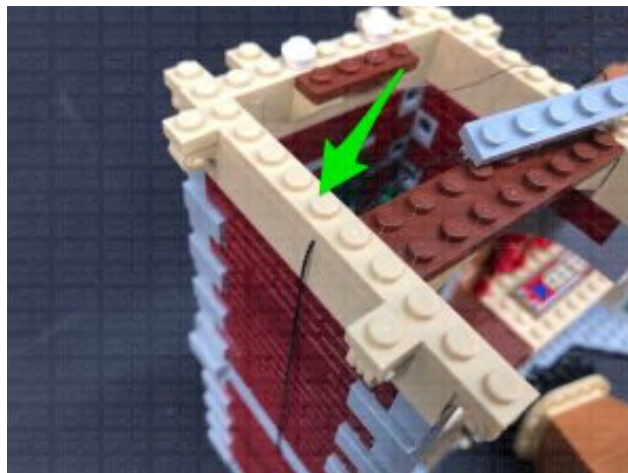
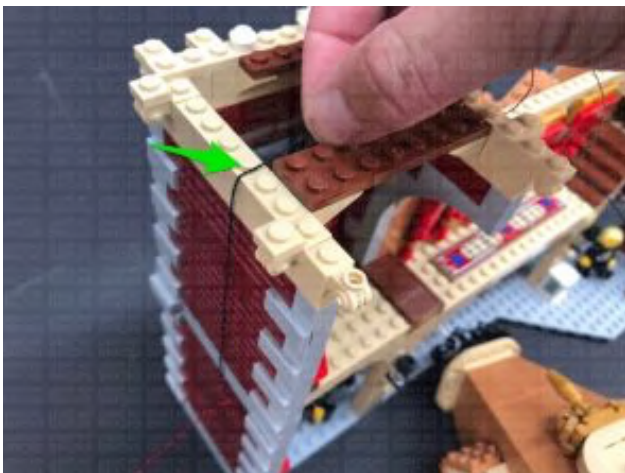
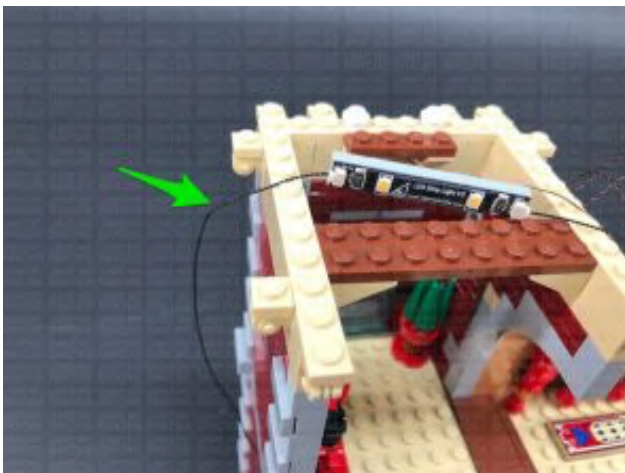
Take this bottom section and reconnect it to the top of the train station, then bring the Micro Bit Light cable over from the front and secure it underneath the brown 1×4 plate and tan 1×10 plate.

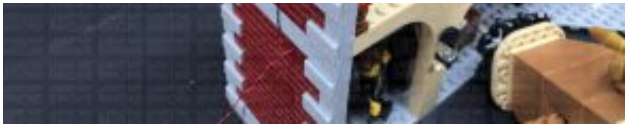




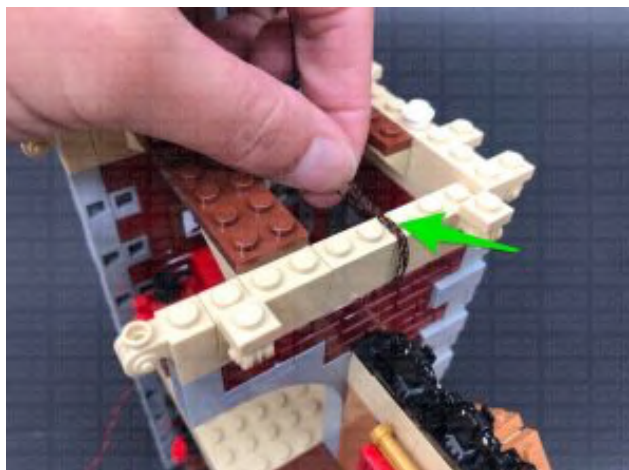
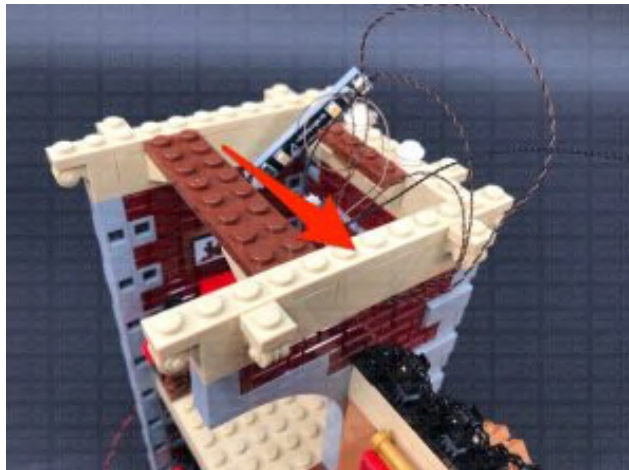
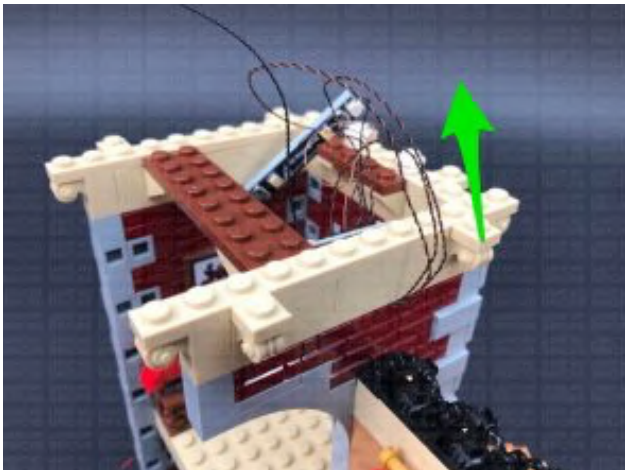


34.) Secure the 15cm Cable from the left side of the building underneath the side 1x10 plate, then take a new **15cm Connecting Cable** and connect it to the other large port on the Micro Expansion Board.





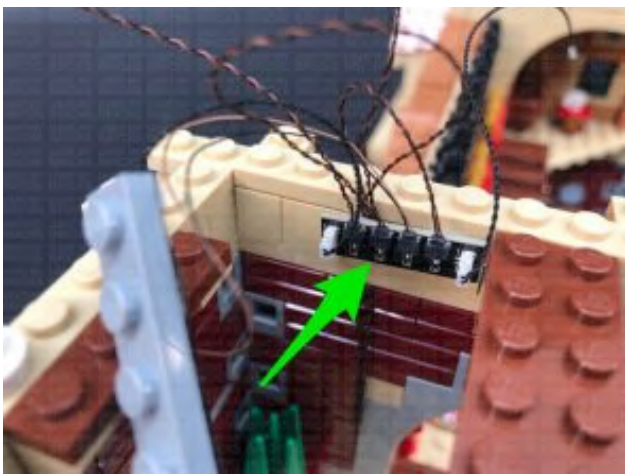
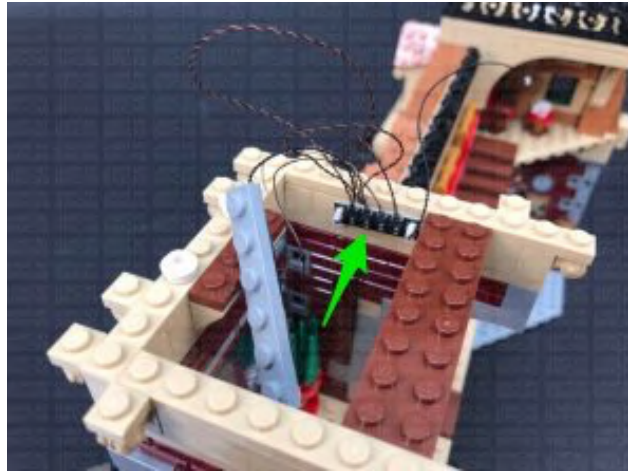
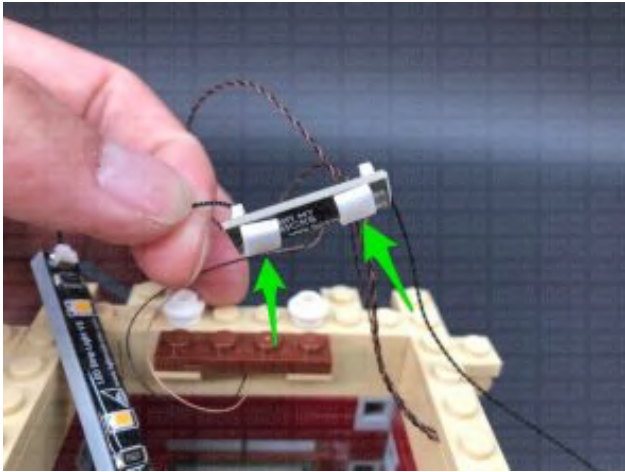
Bring the micro bit light cables from the right side up and secure them underneath the 1×10 plate.



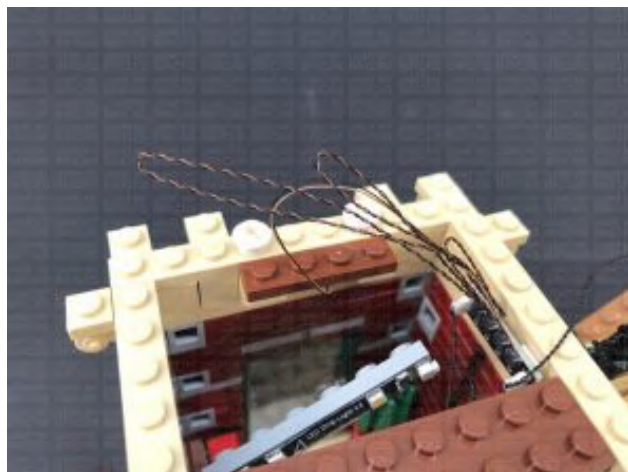
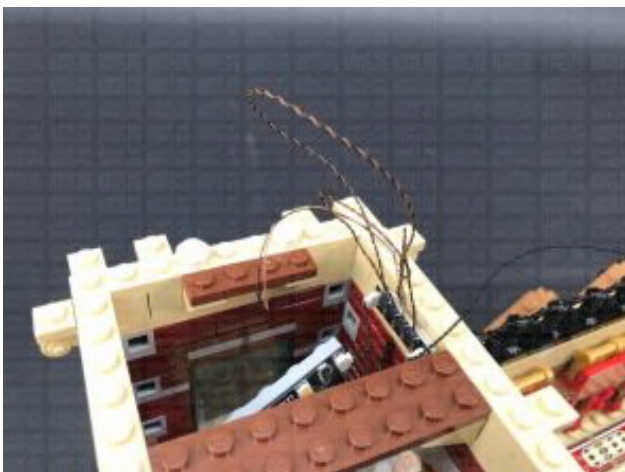
Stick **2x Adhesive Squares** to the back of the Micro Expansion Board, then

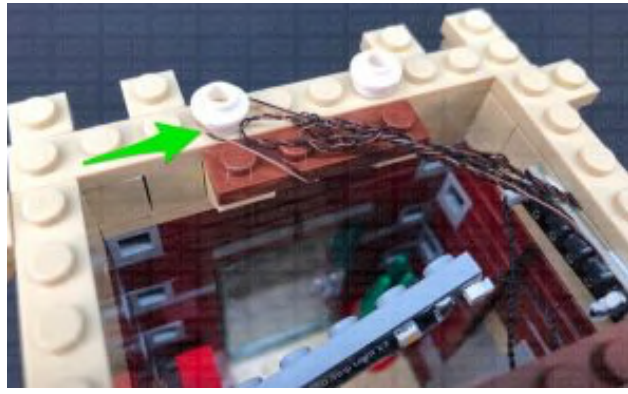
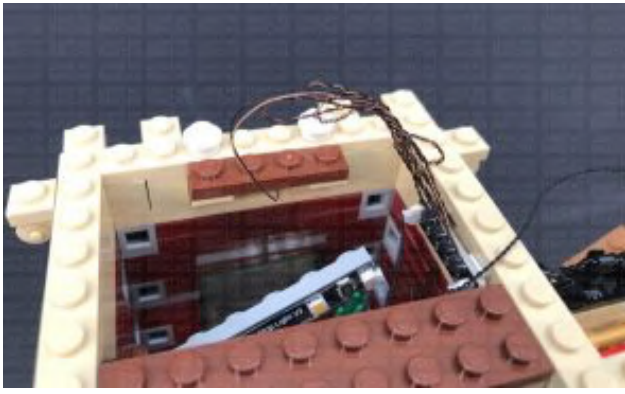


mount the board to the right wall inside the building in below position.

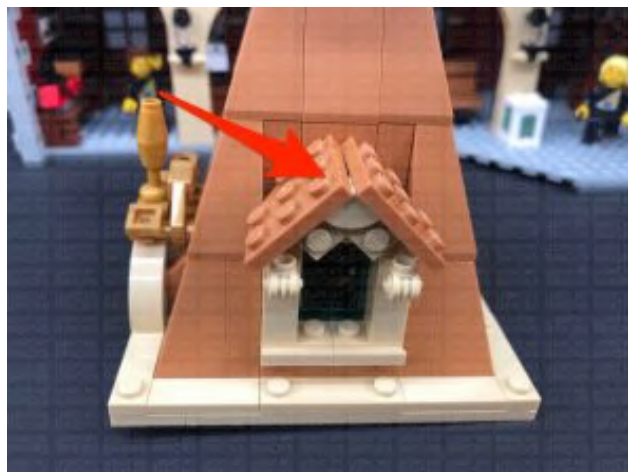


Gather all the cables on the top and twist them around each other into a neat bunch, then secure the Micro Bit Light cable from the balcony around the white round plate. Ensure the 1×6 plate with strip light is pulled up and accessible.



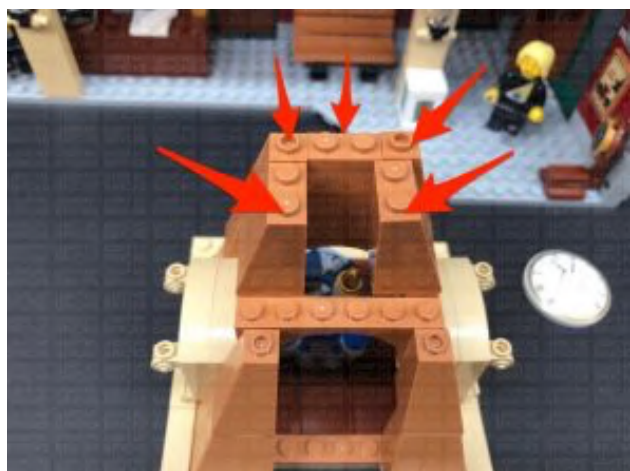


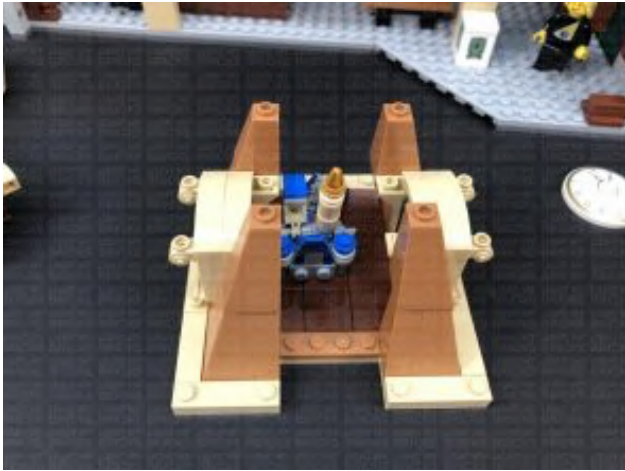
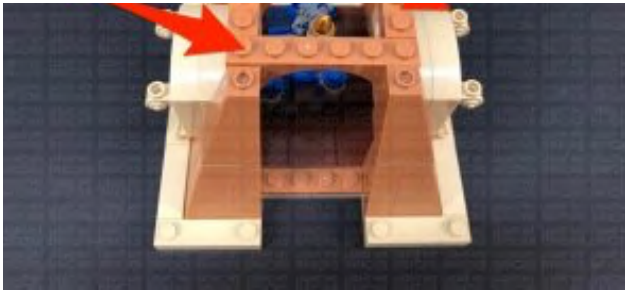
35.) Take the top floor section and disconnect the window roof as well as the roof.



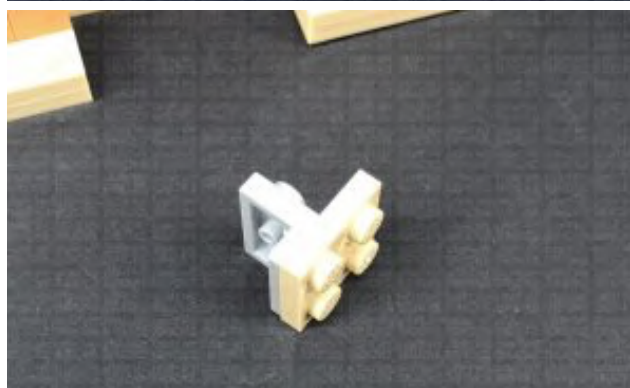
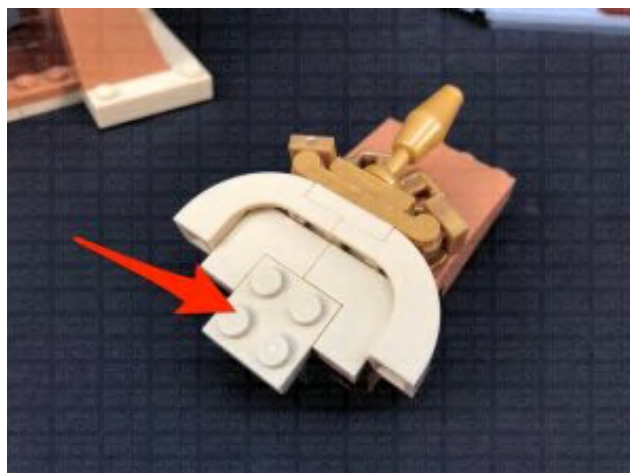


Continue to disconnect sections from the top.



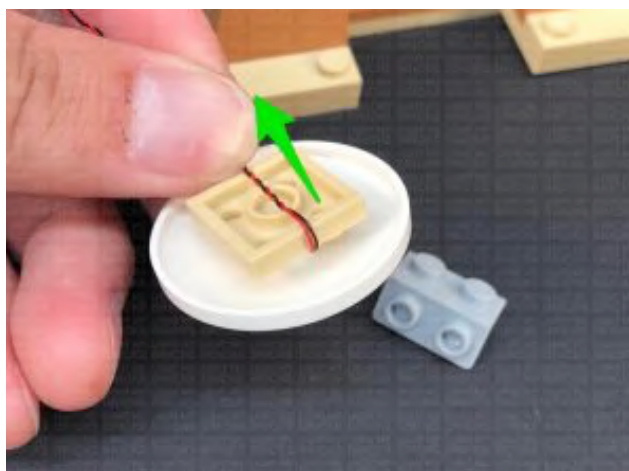
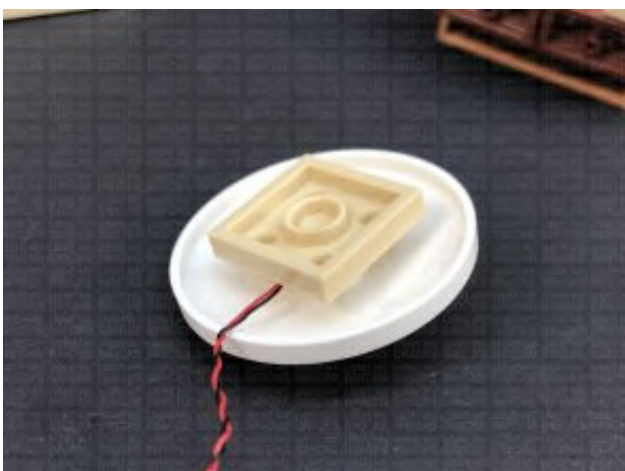
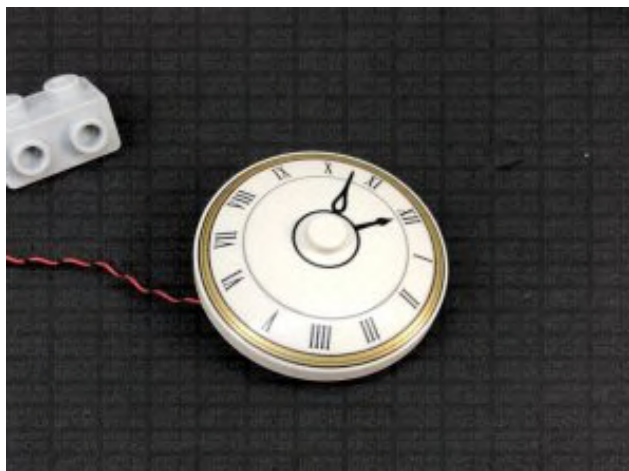
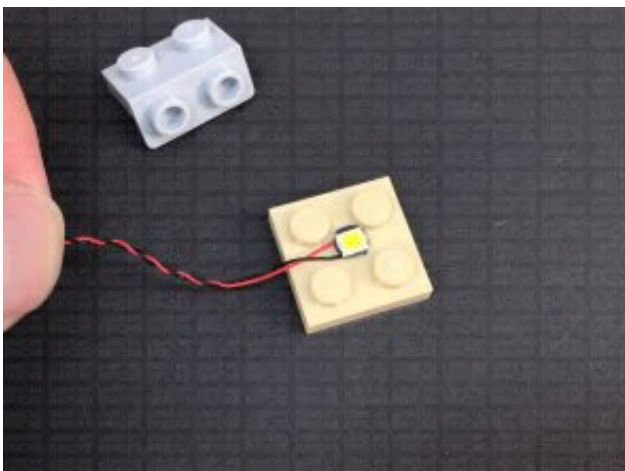


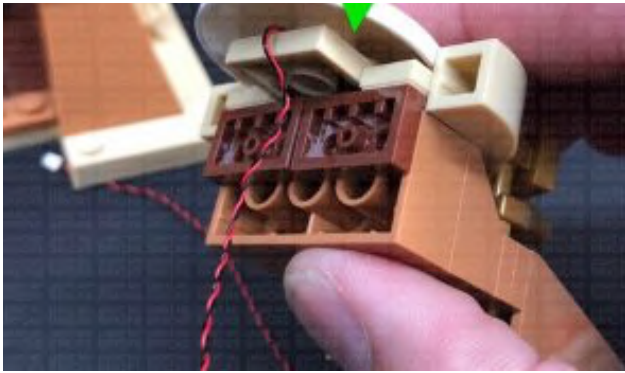
36.) Take the section which the clock was connected to and disconnect the centre plate and grey bracket plate behind.



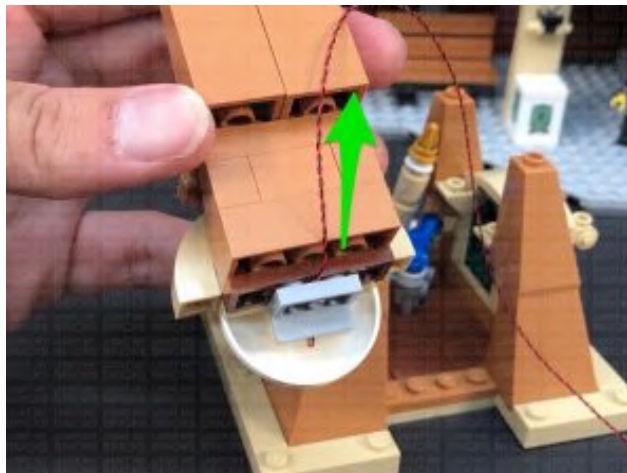
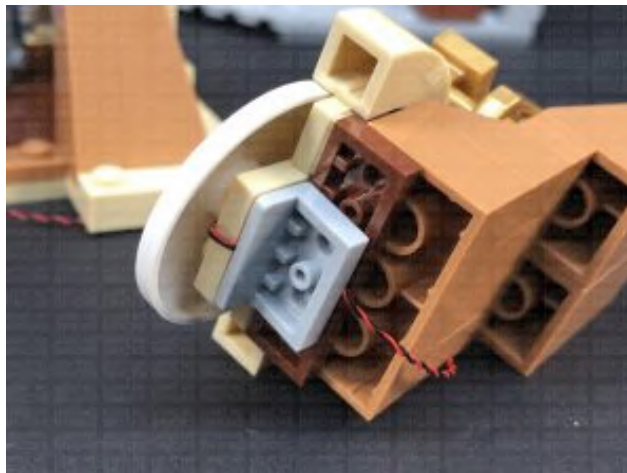
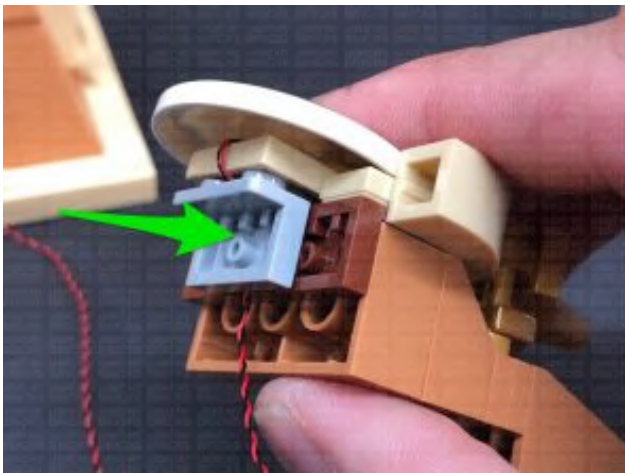


Take a **Warm White 30cm Large Bit Light** and place it in the centre of the 2x2 plate. Secure the Bit Light in place by reconnecting the Clock dish over the top, then turn this section over and bring the bit light cable up before reconnecting it to the section we disconnected it from.



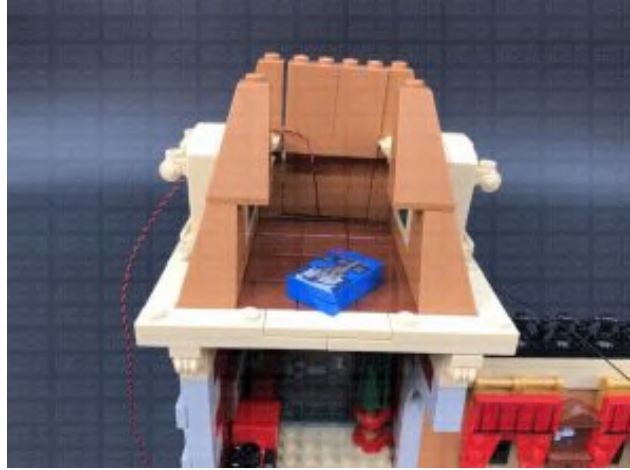


Ensuring the cable is laid in between studs, reconnect the grey bracket plate, then reconnect everything back to the front of the top section.



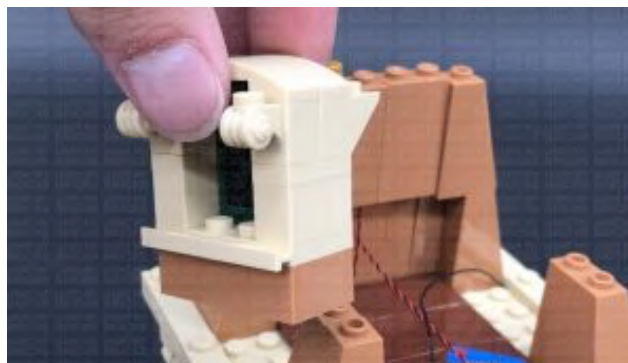
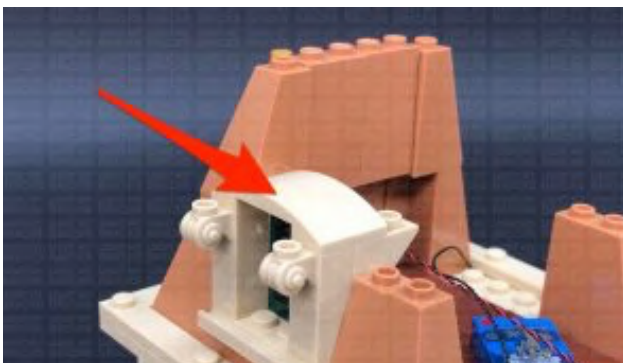
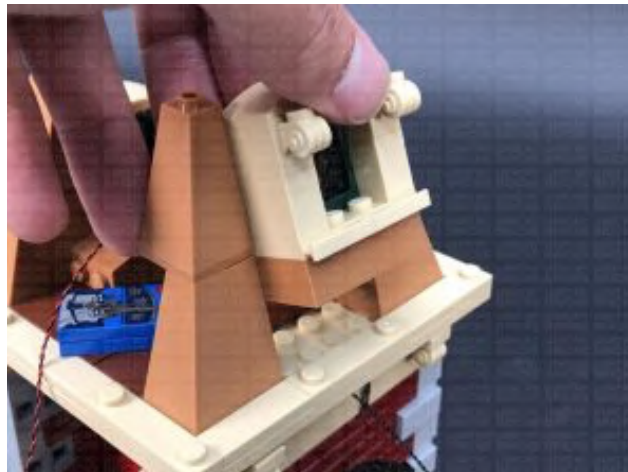
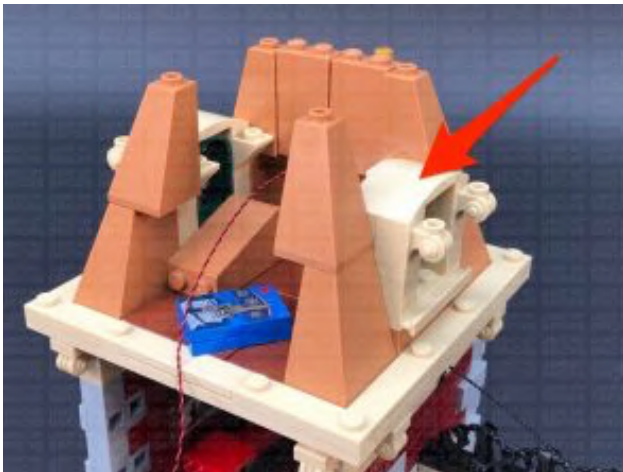
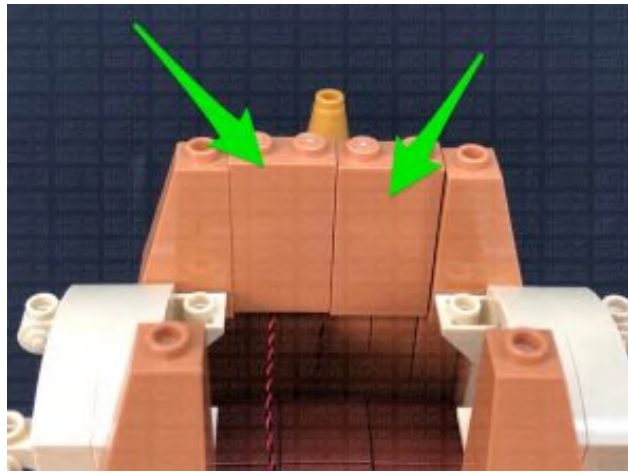
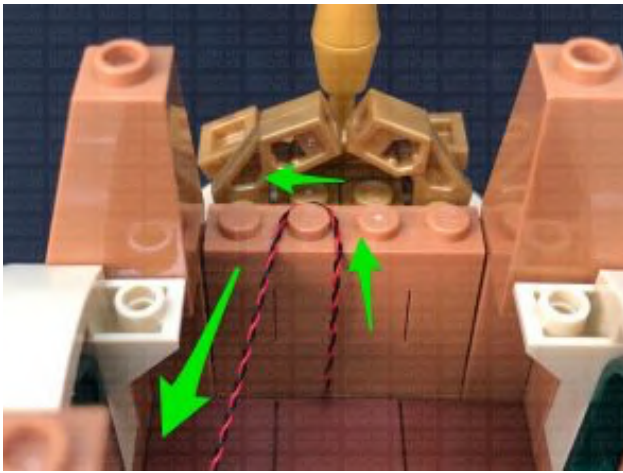
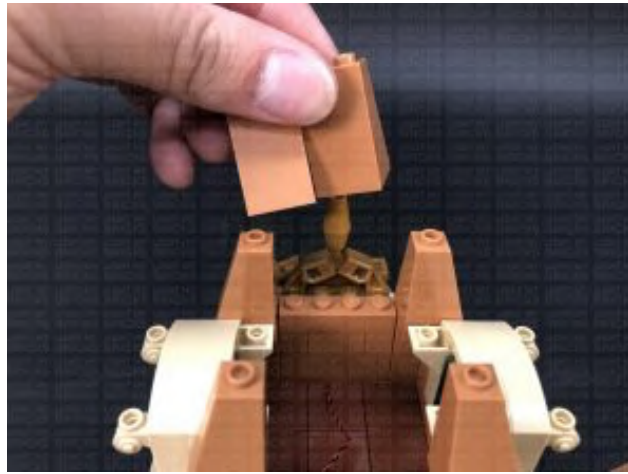
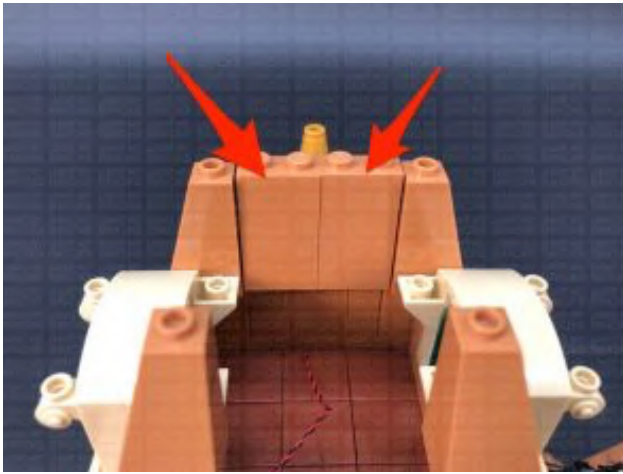


Reconnect this top section to the top of the train station.

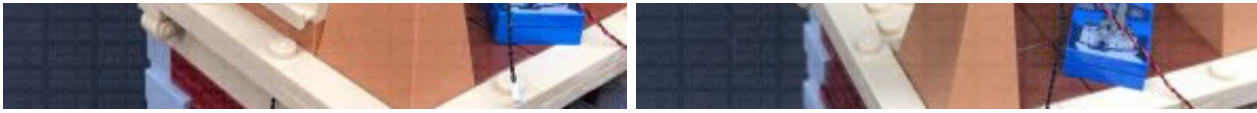


37.) From the back of the set, disconnect the following two angled bricks on

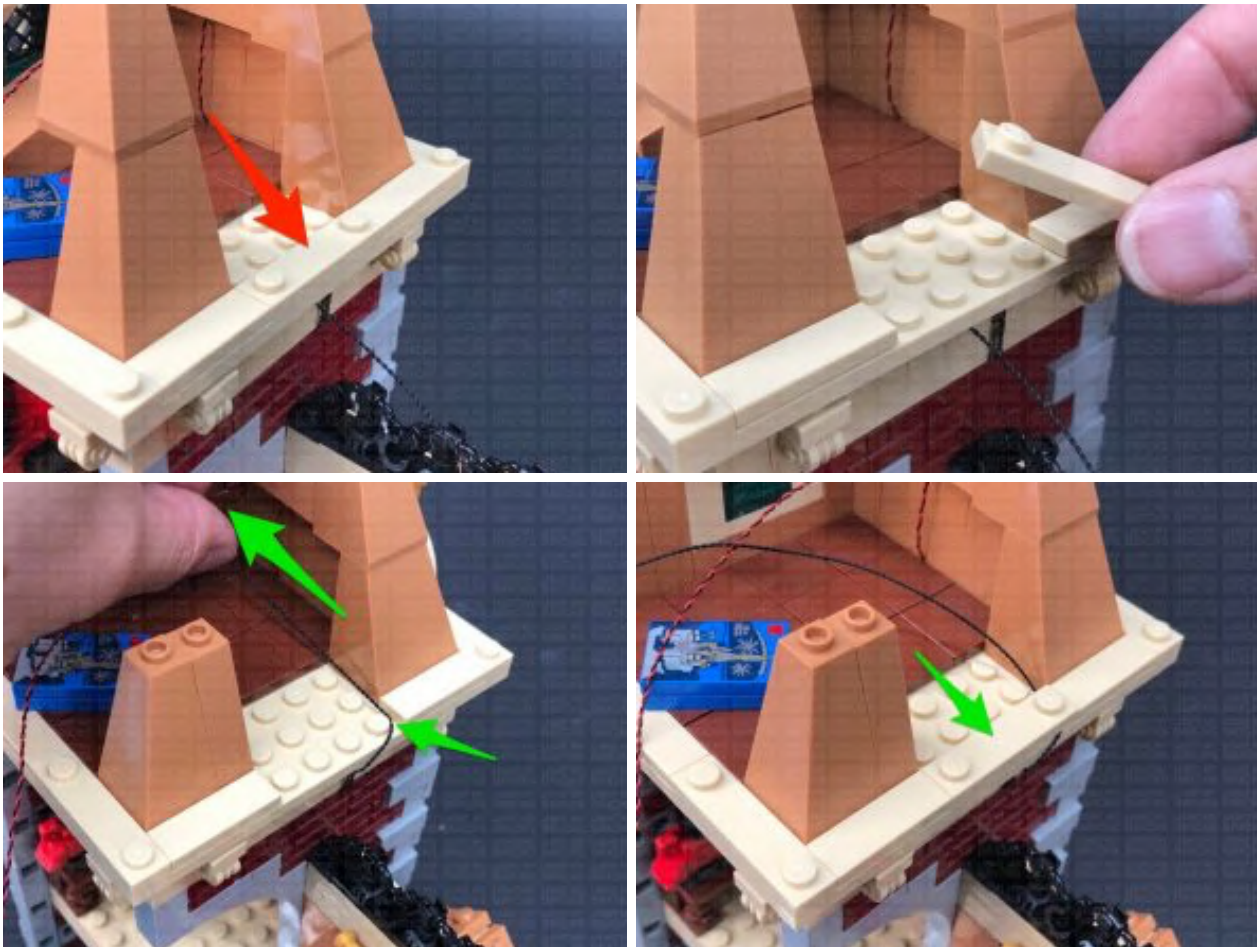
the very top. Bring the bit light cable from the clock up and secure it by laying it around studs. Reconnect the two angled bricks, then disconnect the window sections from each side.





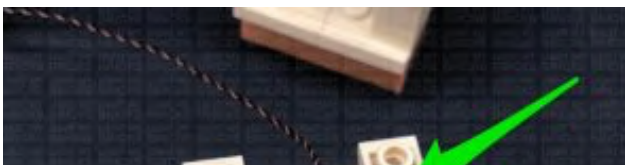
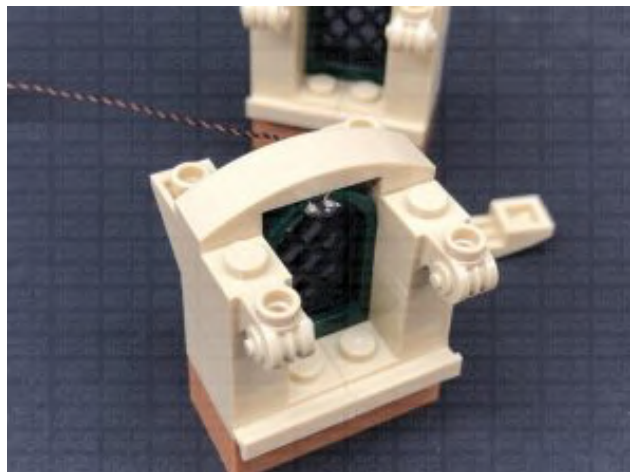
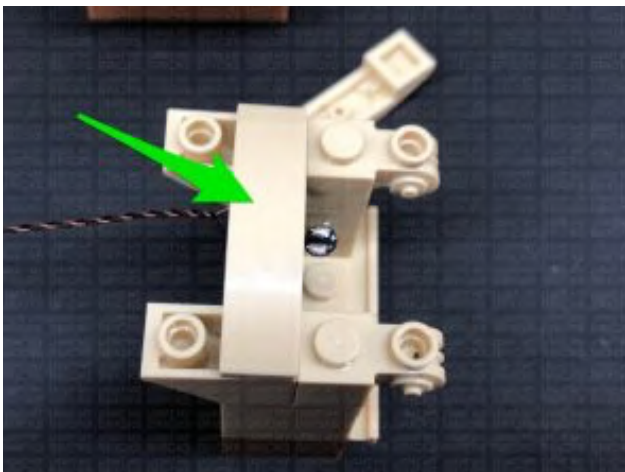
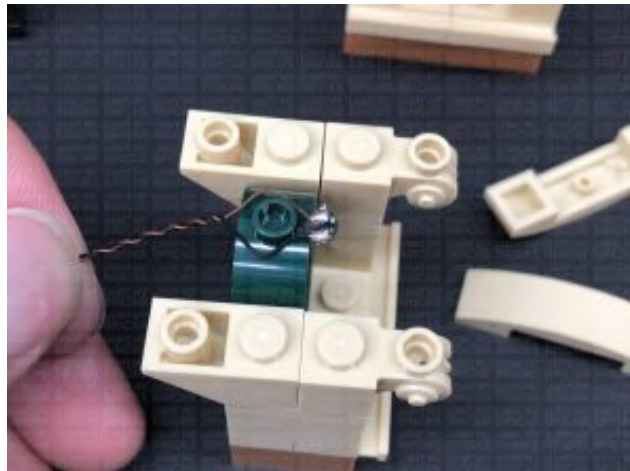
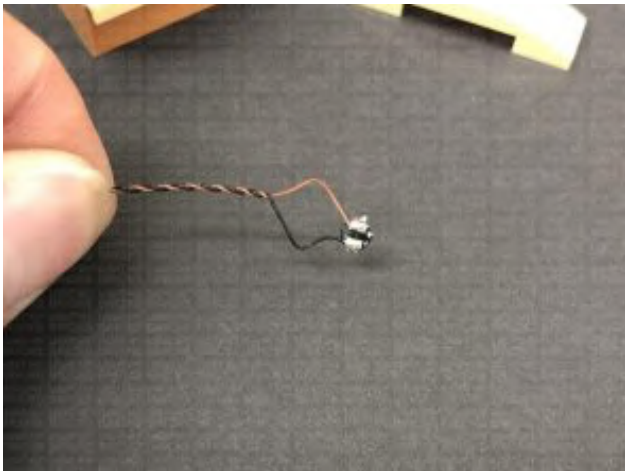
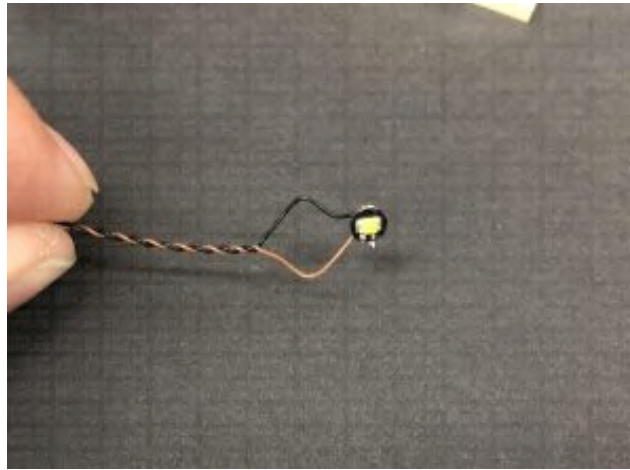
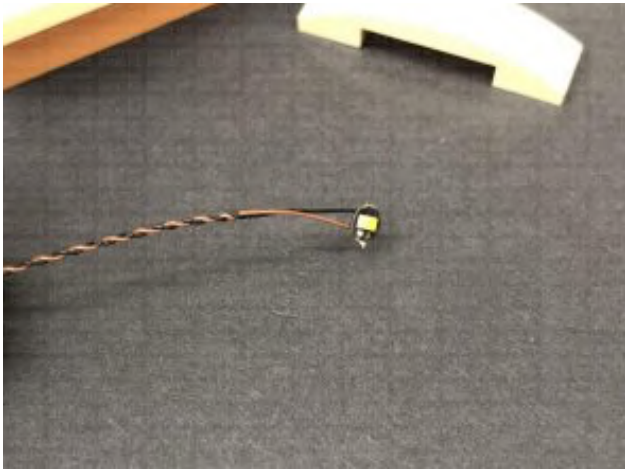
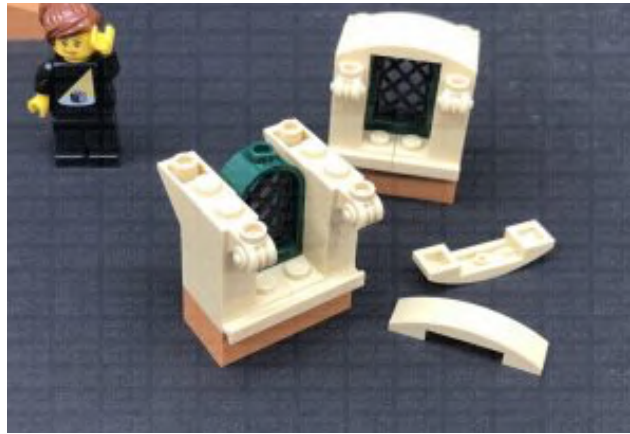


Disconnect the following plate on the side, then bring the 15cm Connecting Cable up and lay it in between studs toward the inside of the tower. Reconnect the plate over the top.



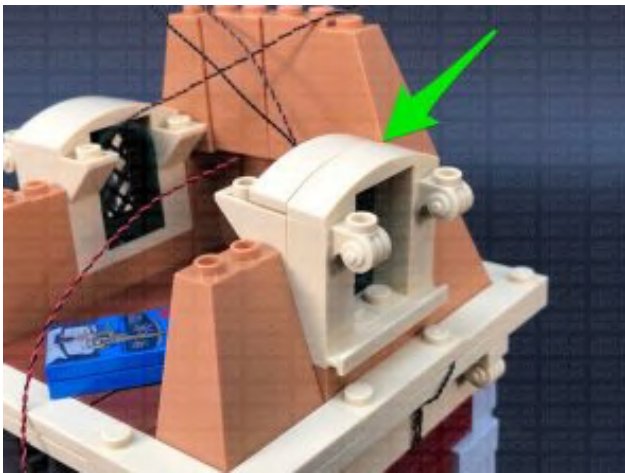
**38.)** Disassemble one of the window sections, then take a **White 15cm Bit Light** and split the brown and black cable closest to the LED. With the LED facing down and cable facing the back, place it over the stud on top of the window. Secure the Bit Light in place by reconnecting the arched pieces, then reconnect the window section to the top of the station.



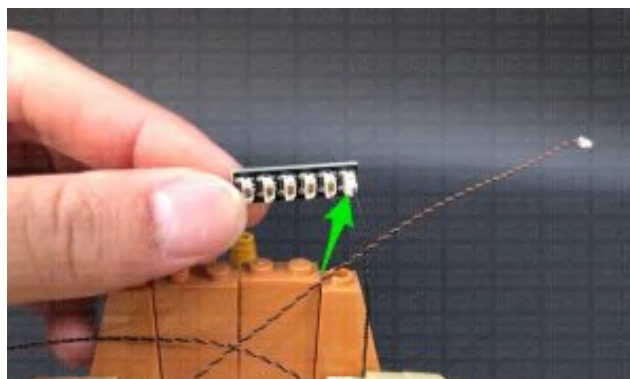
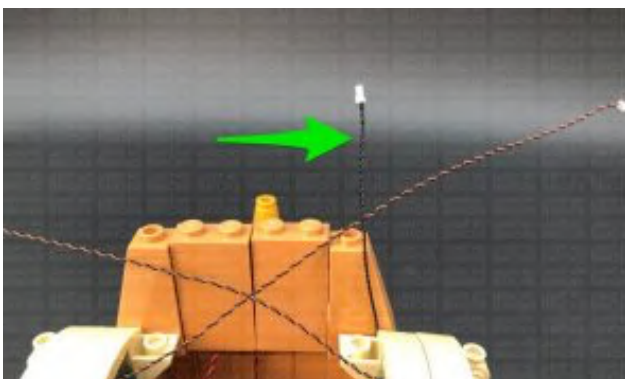


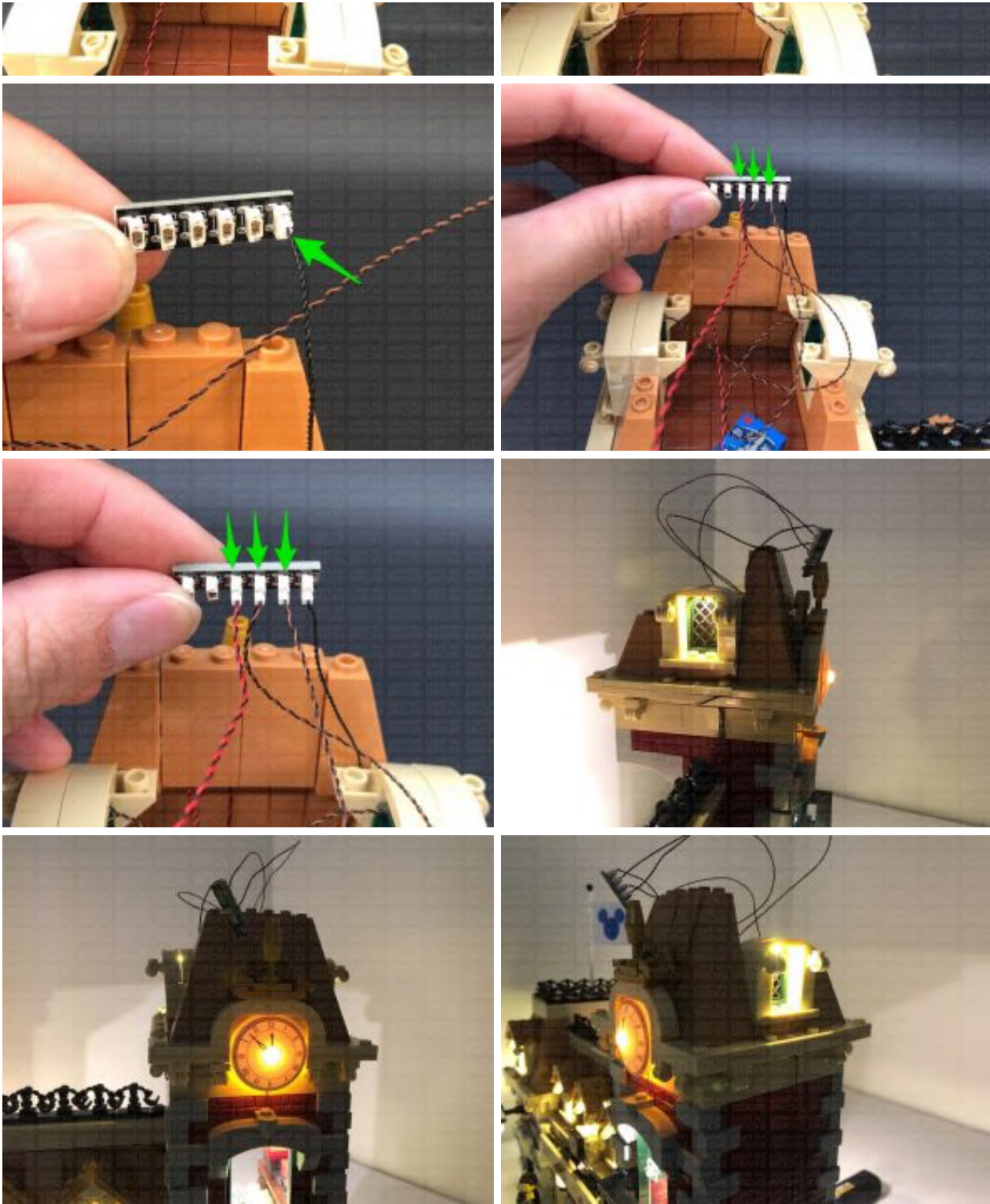


Repeat this step to install another **White 15cm Bit Light** to the other window, then reconnect it to the station. The Bit Lights should be just peaking out the top of the window to shine down.



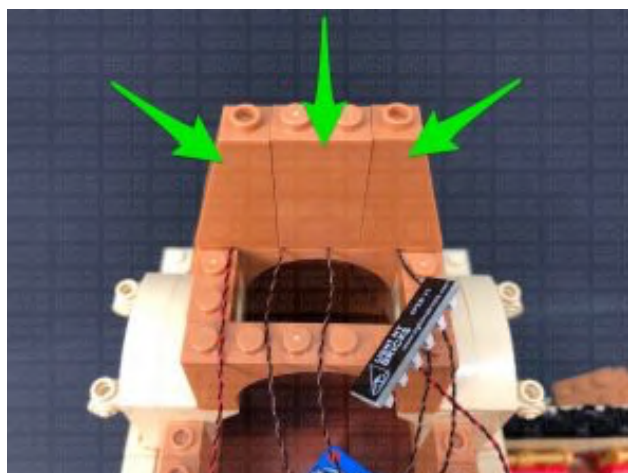
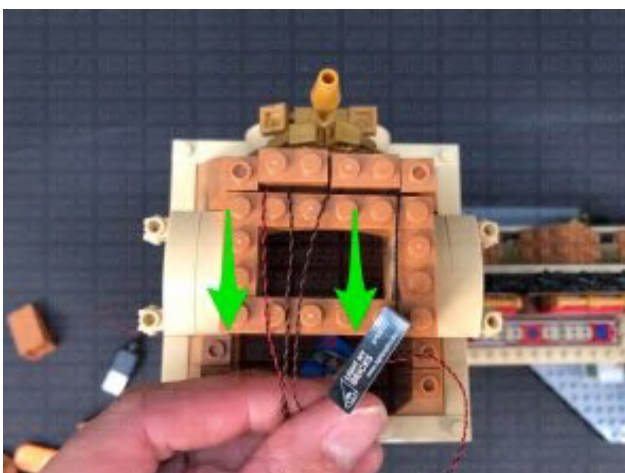
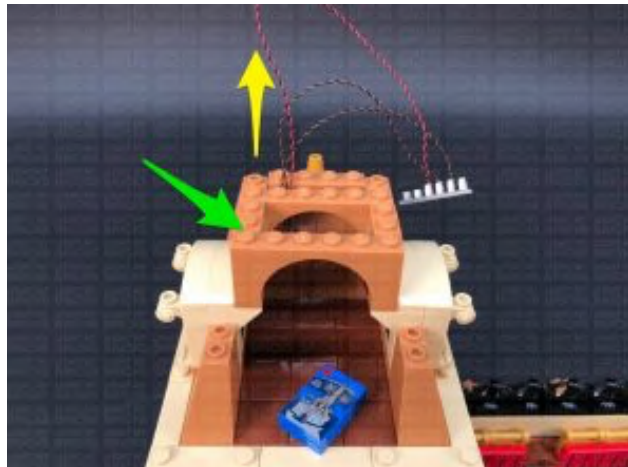
**39.)** Locate the other end of the 15cm Connecting Cable we pulled up from below (right side) and connect it to a new **6-Port Expansion Board**. Connect both bit light cables, as well as the large bit light cable to the Expansion Board, then turn ON the power to test all the lights to the top section are working OK.



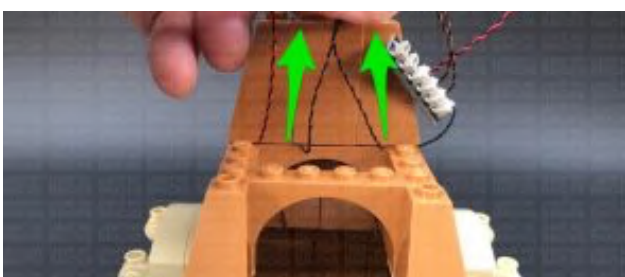


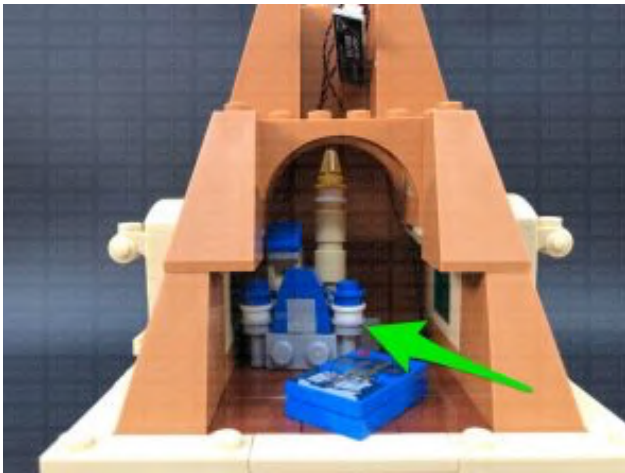
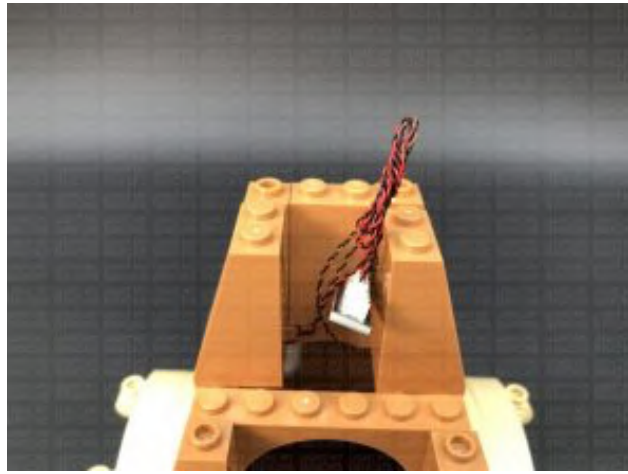
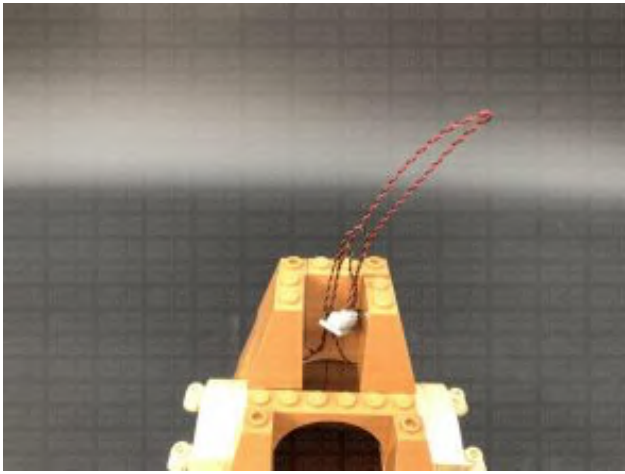
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

40.) Reconnect the following arched section ensuring all the cables are pulled up behind it. Bring all the cables back over and lay them in between studs, then reconnect the three arched bricks on top.



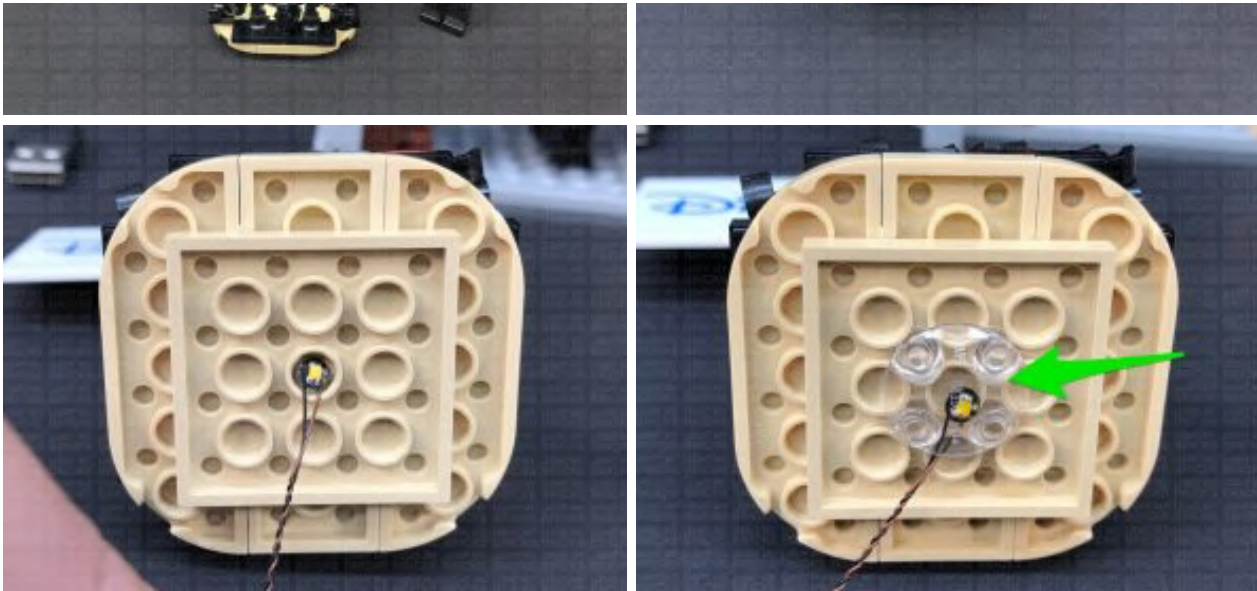
Pull all the cables and expansion board up, then reconnect the two side angled bricks. Twist and fold the cables into a neat bunch, then reconnect the mini disney castle inside.



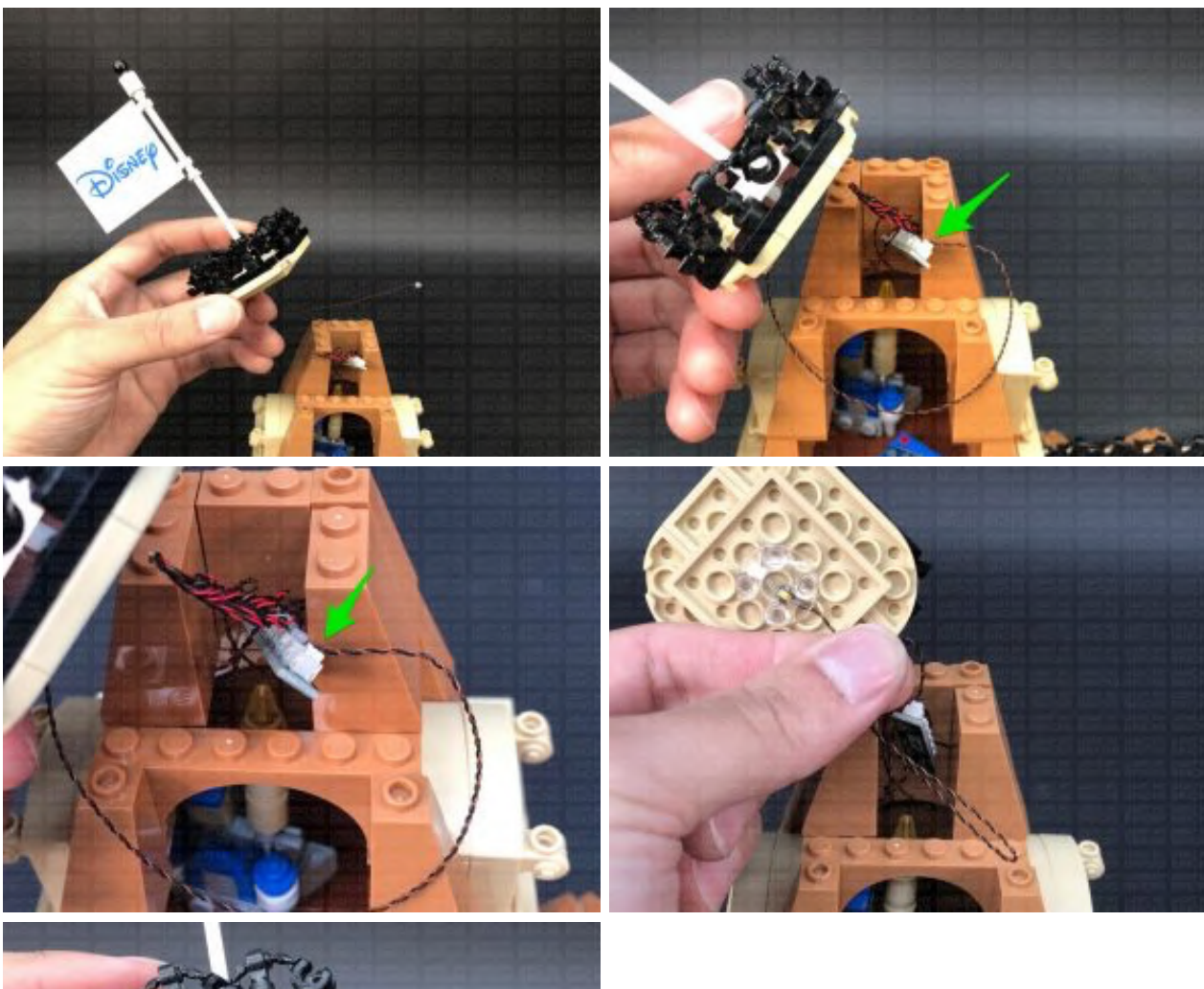


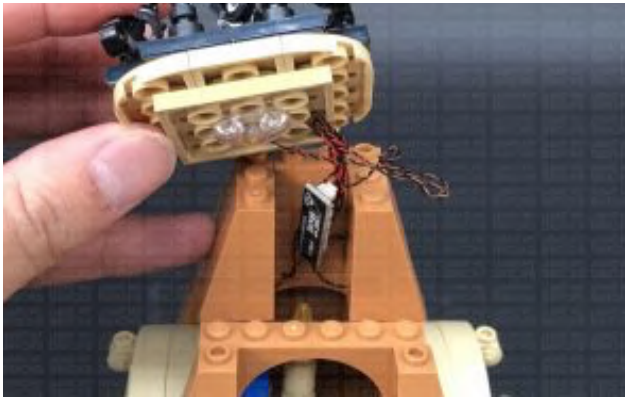
41.) Take the roof section and turn it onto it's front so we can access underneath it. Take a **White 15cm Bit Light** and place it underneath the roof directly in the centre. Secure the Bit Light in place by connecting a provided **Trans Clear Plate w Rounded Bottom 2x2** over the top.



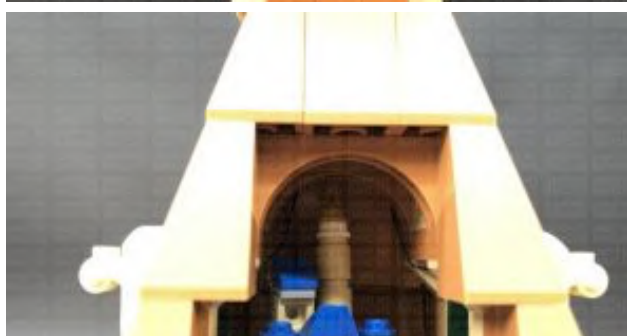
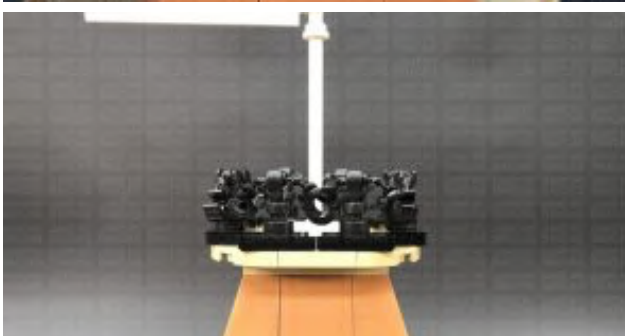
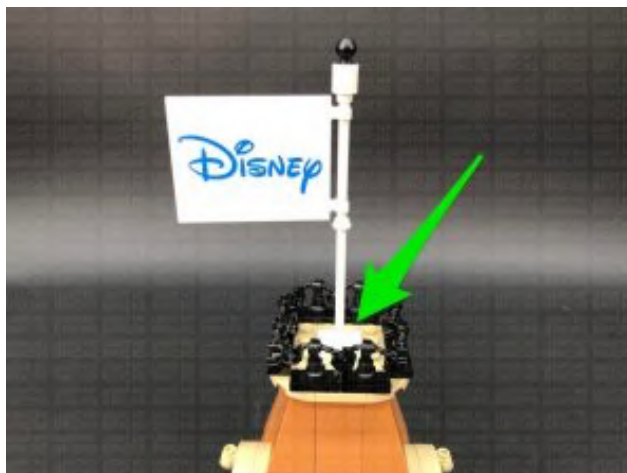
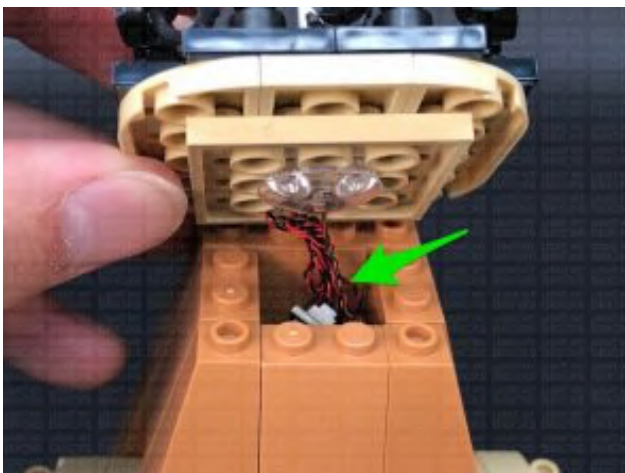
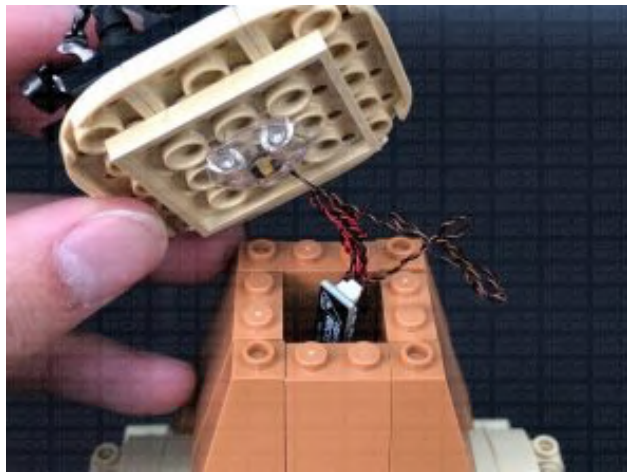
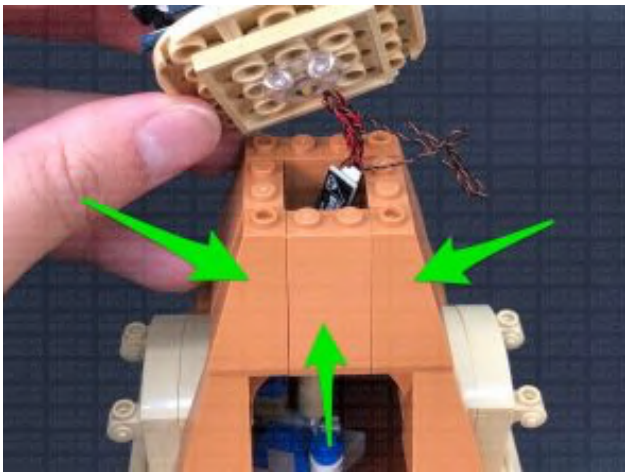


Bring the roof over the top of the station and connect the bit light to the 6-Port Expansion Board. Eliminate excess cable from the bit light by twisting and folding it into a neat bunch, then gather the bunched up cables and bring them all together.





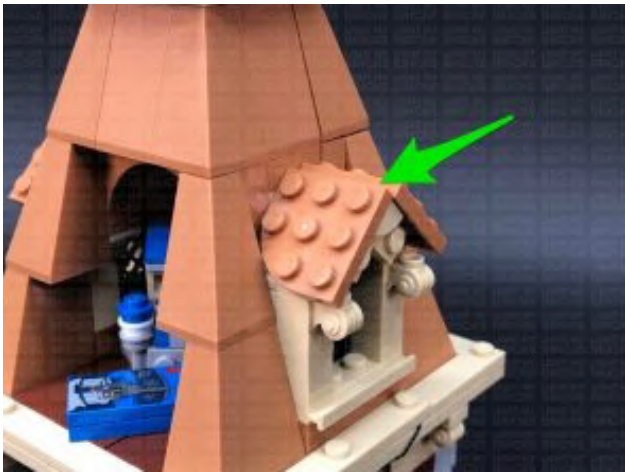
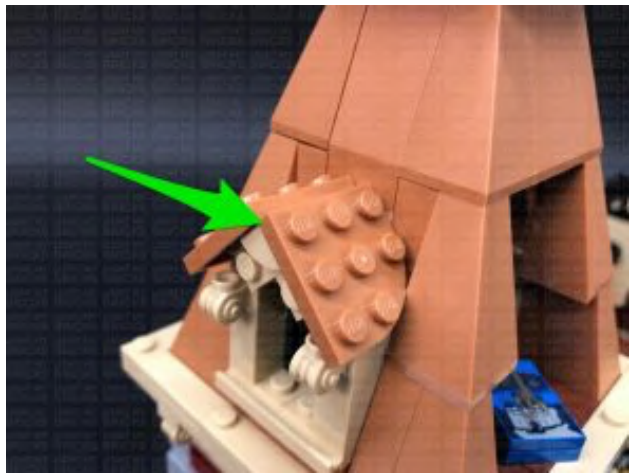
Reconnect the remaining angled bricks to the top, then neatly tuck everything inside before securely reconnecting the roof. Check inside the tower to ensure there are no dangling cables or components.







42.) Reconnect the window roof sections to each side, then turn ON the power to test all the lights are working OK.



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This completes installation of the Disney Train Station lights. It's now time to  
light up the Disney Train.

To continue to the instructions for installing lights to the the Disney train please  
click **here**.

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