

Light My Bricks: LEGO Hogwarts Whomping Willow 75953 Lighting Kit



The following page is the instructions for the **Light My Bricks LEGO Hogwarts Whomping Willow (75953) LED light kit**.

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 Hogwarts Whomping Willow

(75953) LED light kit , please click [here](#) to view the product page

Package Contents:

- 14x White 15cm Bit Lights
- 3x White 15cm Micro Bit Lights
- 1x White Strip Light
- 3x 6-Port Expansion Boards
- 2x Micro 4-Port Expansion Boards
- 1x Flicker Effects Board
- 3x 5cm Connecting Cables
- 2x 15cm Connecting Cables
- 1x 50cm Connecting Cable
- 4x Adhesive Squares
- 1x AABattery Pack (requires 3x AA Batteries)
- 1x Micro Battery Pack (requires 3x LR44 Batteries)

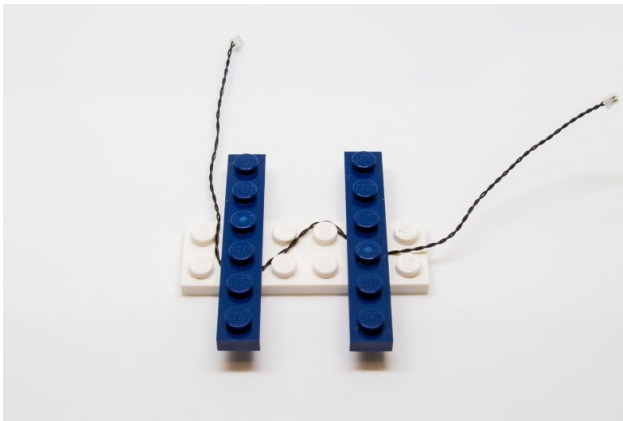
LEGO Pieces:

- 1x Black Tile 1x1 with Clip
- 1x Black 1x1 Modified Plate Rounded with Handle
- 1x Black Round Plate 1x1 with open stud
- 1x Trans Clear Plate w Rounded Bottom 2x2

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.

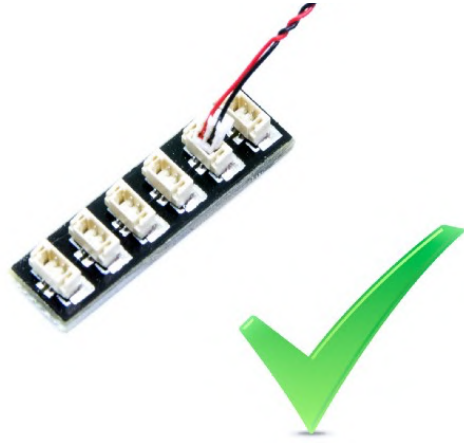


CAUTION: Forcing LEGO® to connect over a cable can result in damaging the cable and light.

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.

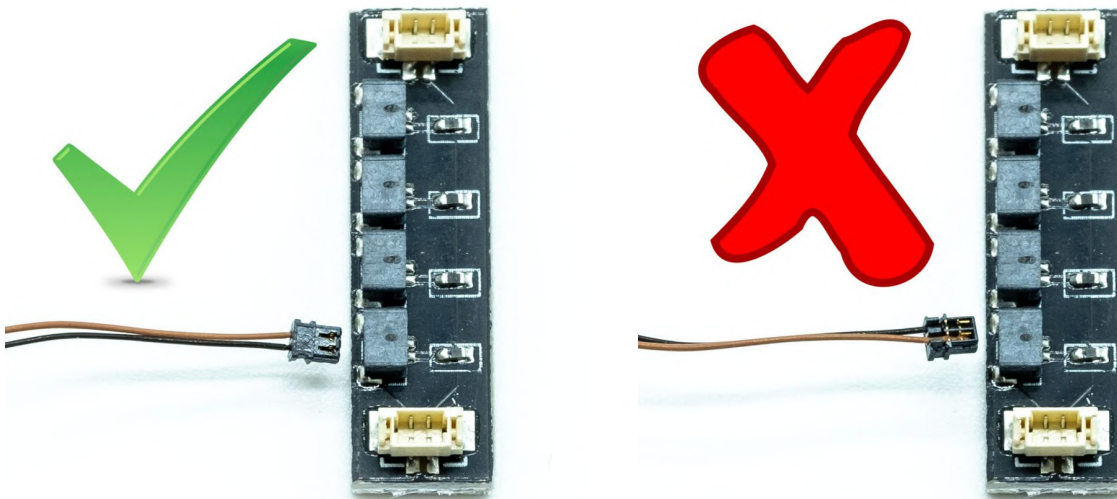
Connecting cable connectors to Strip Lights

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.



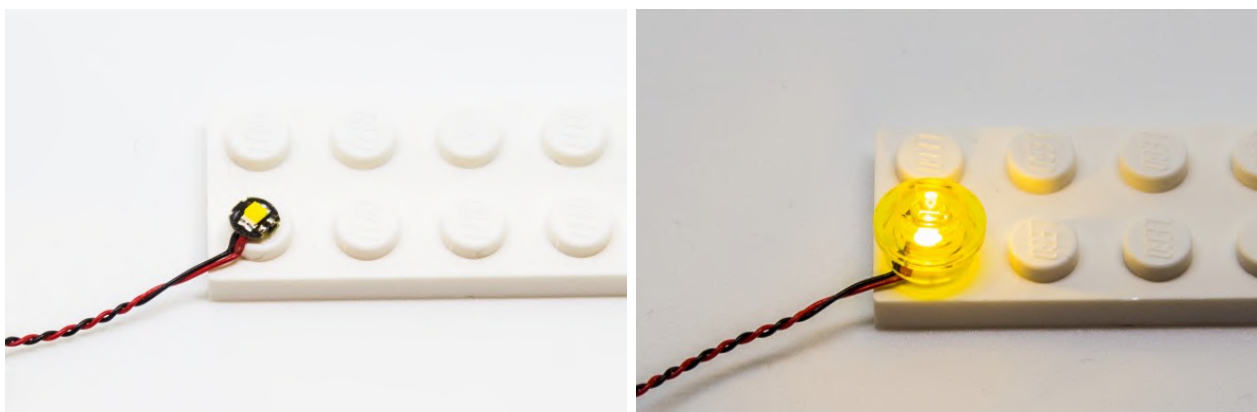
Connecting Micro Cable connectors to Micro Expansion Board Ports

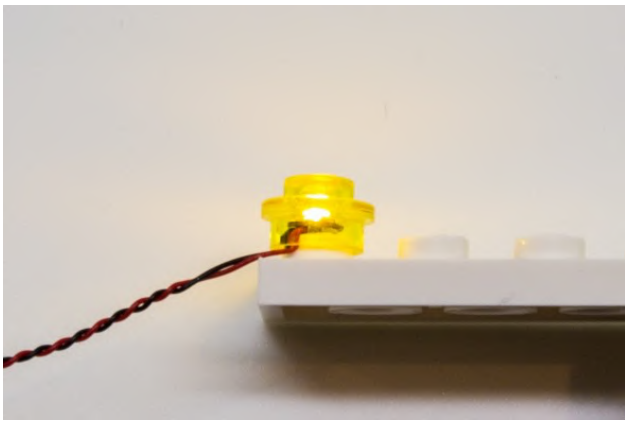
Take extra care when inserting the micro connectors to micro ports of  Expansion Boards. Connecting Micro Bit Lights to Micro Expansion Boards is similar to connecting lights and cables to Strip Lights. With the expansion board facing up, ensure the side of the connector with the wires exposed is **facing 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.

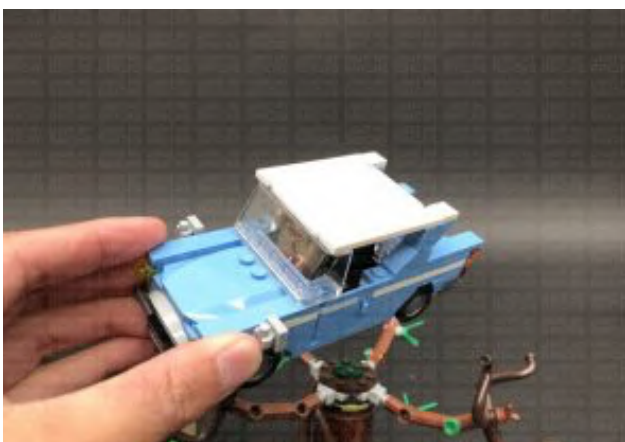
When installing Bit Lights under LEGO® pieces, ensure they are placed the correct way up (Yellow LED component exposed). You can either place them directly on top of LEGO® studs or in between.

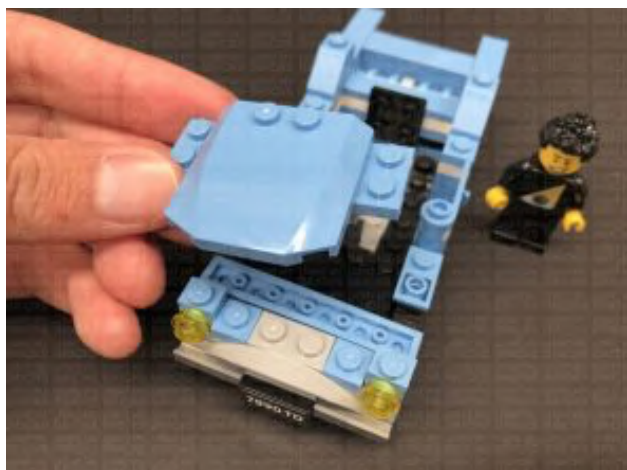
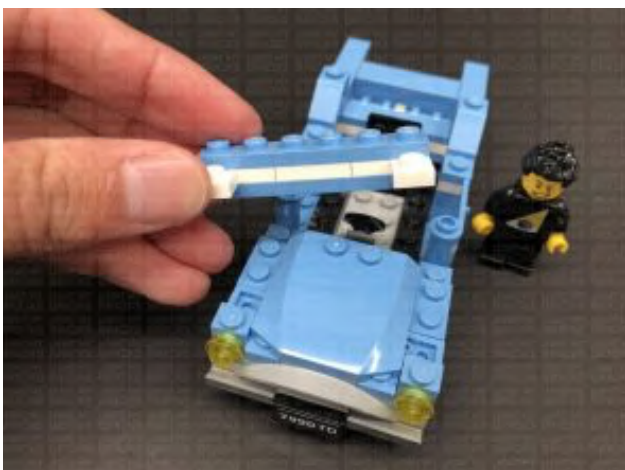
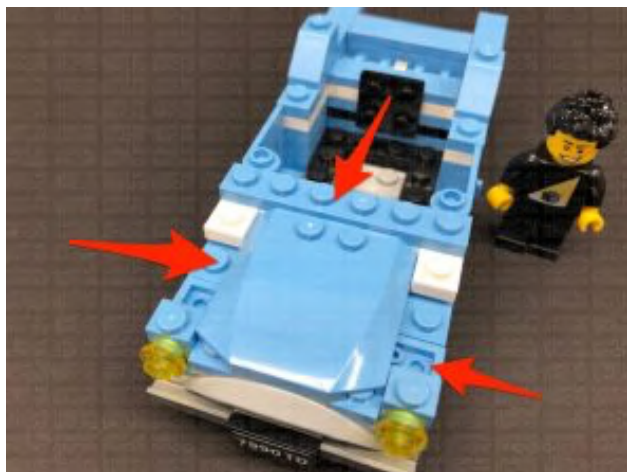


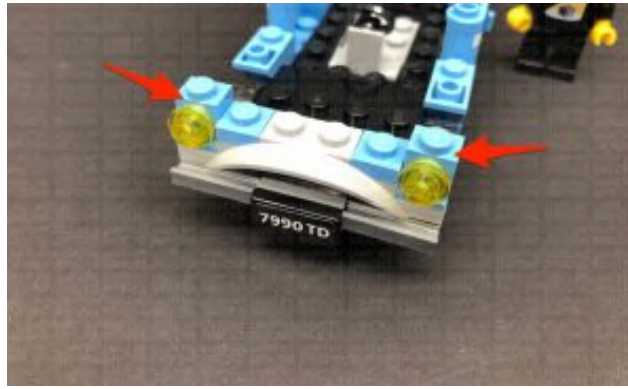
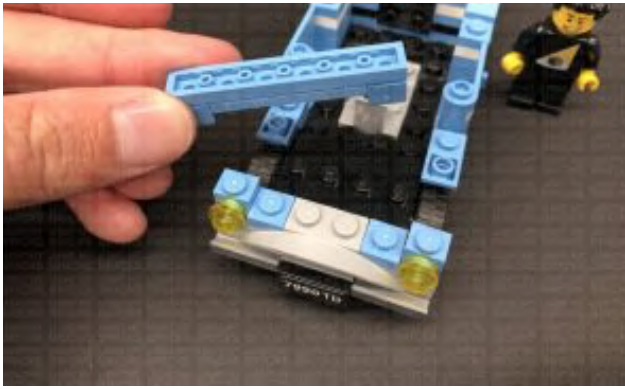


OK, Let's Begin!

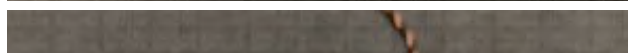
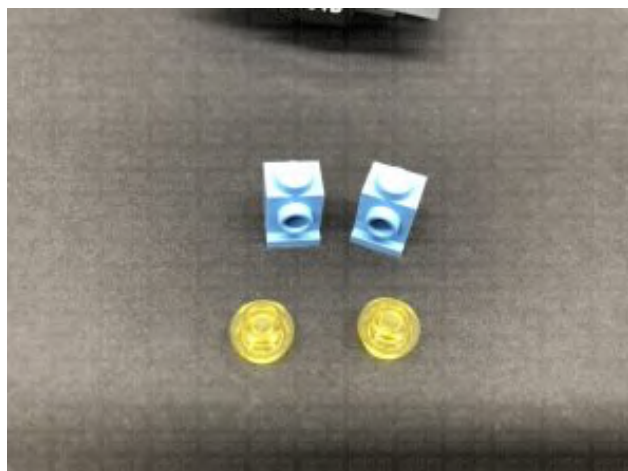
1.) We will first start by installing lights to the Flying Ford. First remove the vehicle from the tree and disconnect the following sections from the top and front, then disconnect the headlight sections as per below.

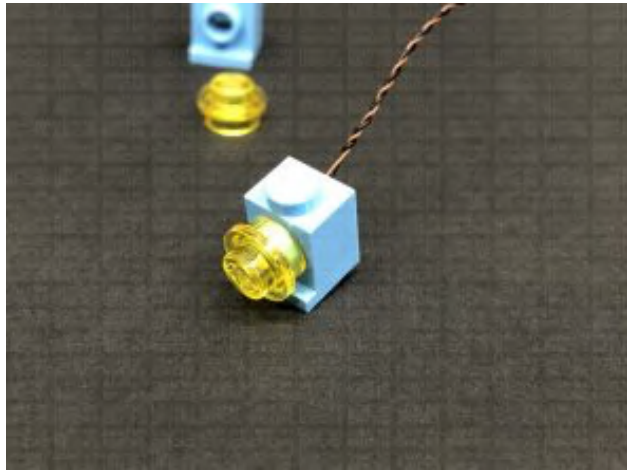
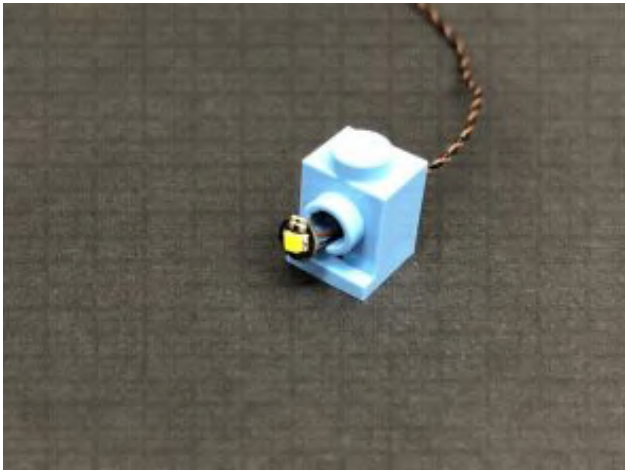
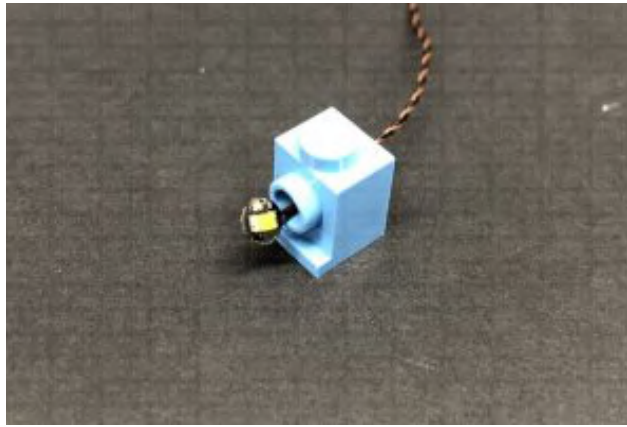
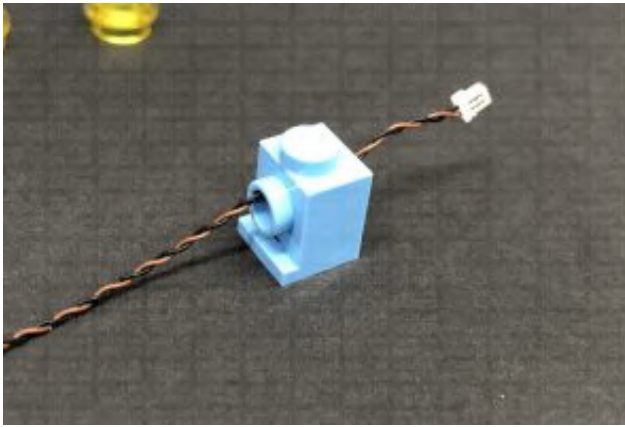




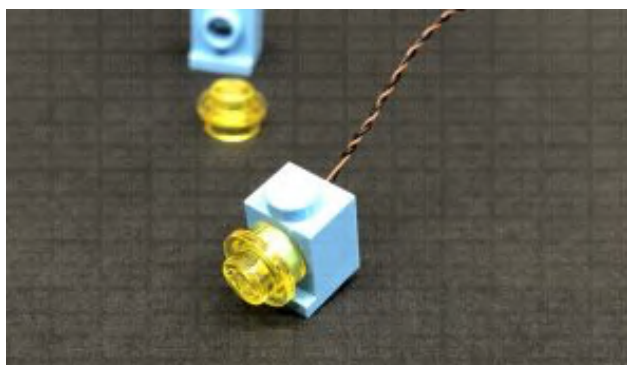
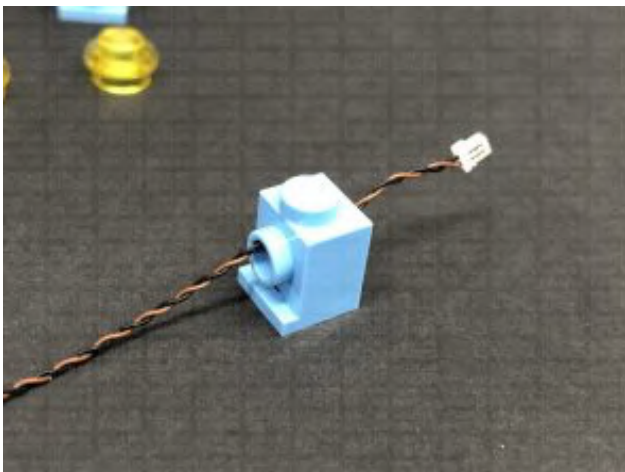


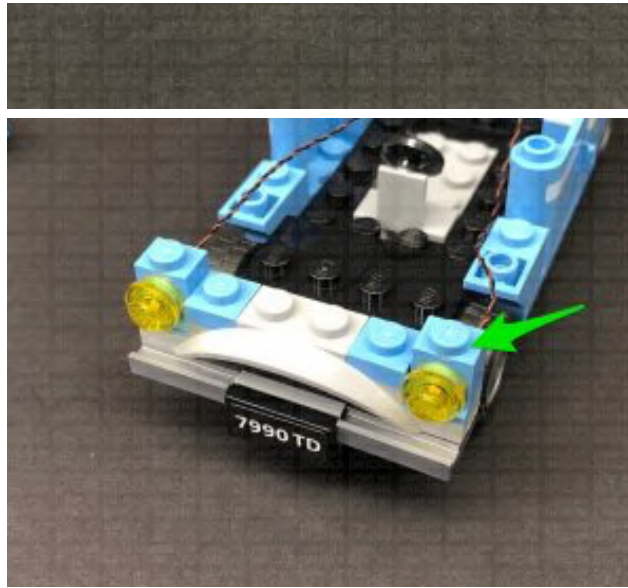
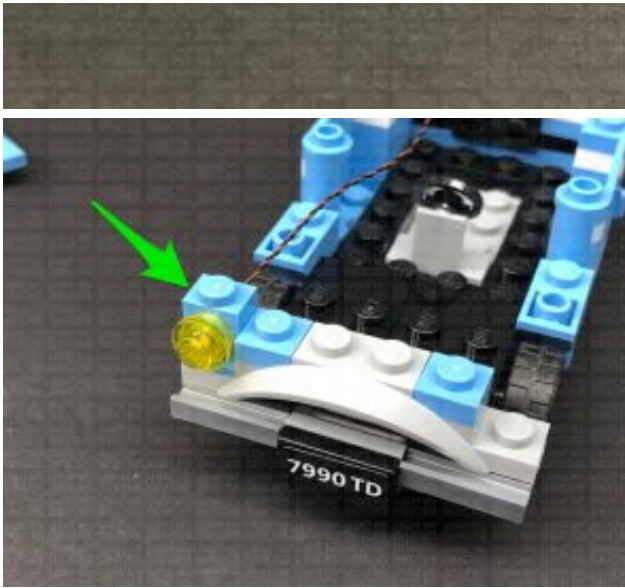
2.) Disconnect the trans yellow round plates, then take a **White 15cm Bit Light** and thread the connector end through the front of one of the light blue bricks. Pull the cable all the way out from the other side, then carefully bend the Bit Light on a 90 degree angle so that it sits flat against the front side of the brick. Secure the Bit Light in place by reconnecting the trans yellow round plate over the top.



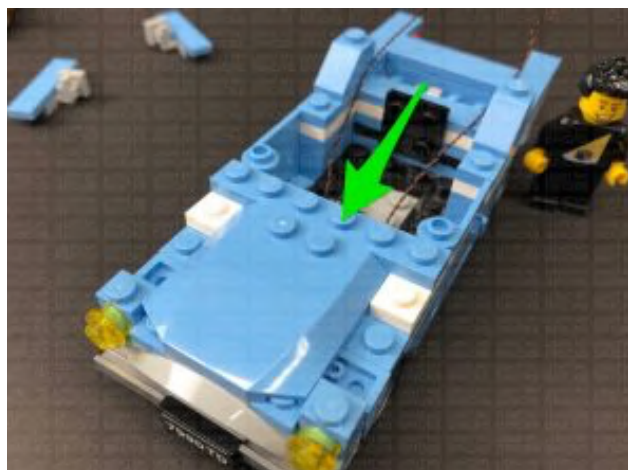
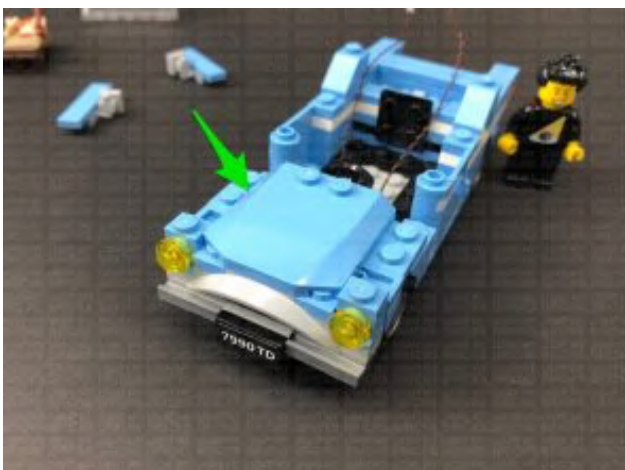
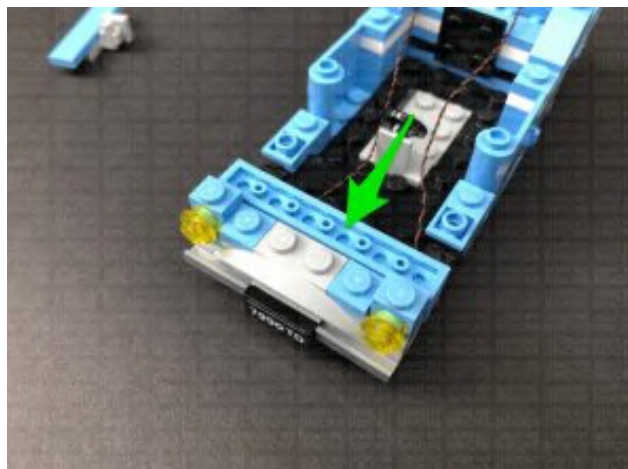
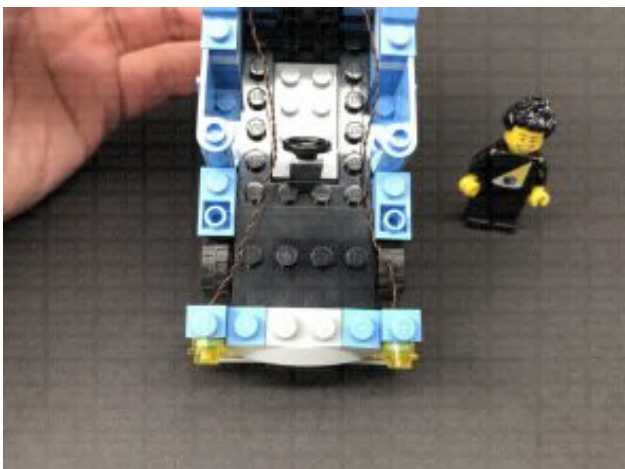


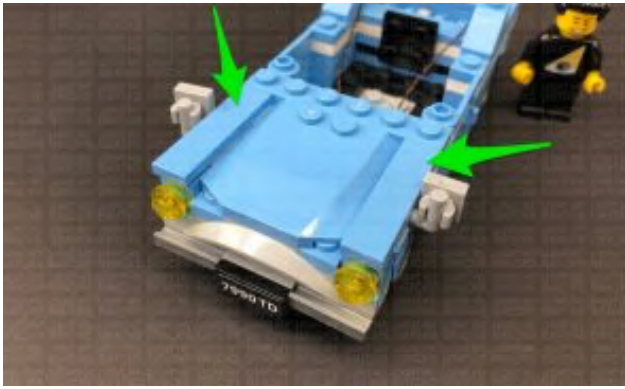
Repeat this step to install another **White 15cm Bit Light** to the other headlight, then reconnect both sections to the front of the flying ford.



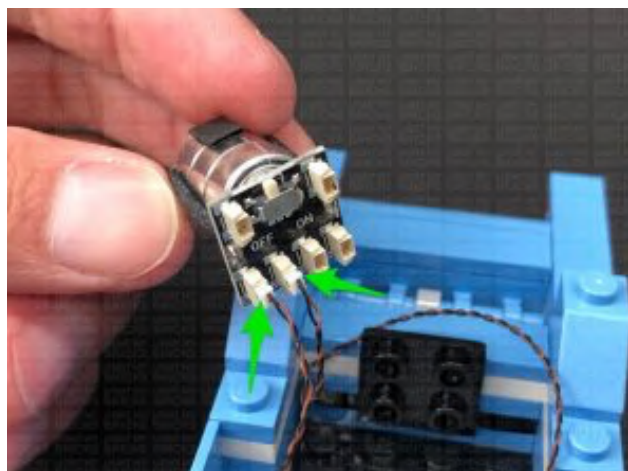


3.) Lay both cables up the sides of the car in between studs before reconnecting sections we removed earlier.





Take the **Micro Battery Pack** and remove the clear protection tag which sits in between the metal contact and batteries. Connect the two headlight cables to the ports, then switch the battery pack ON to test the headlights are working OK.

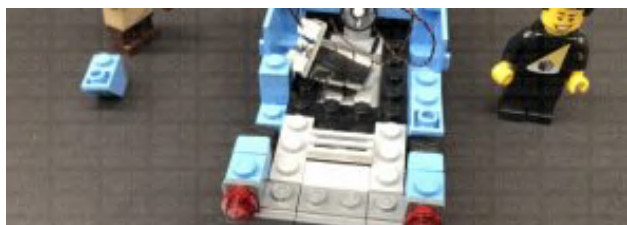
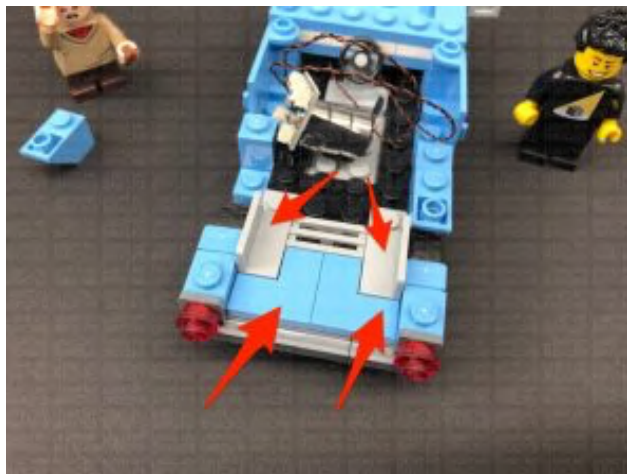
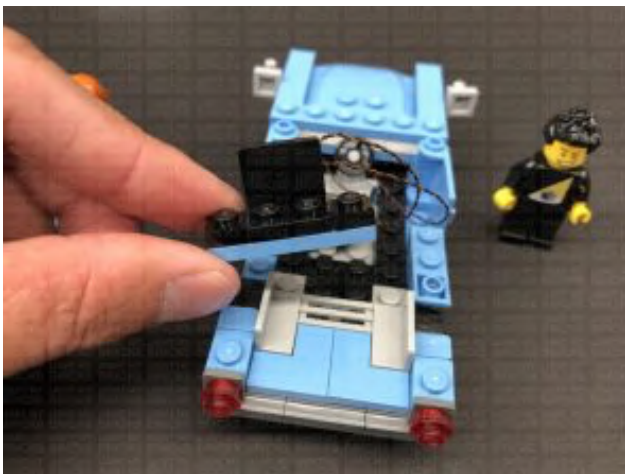
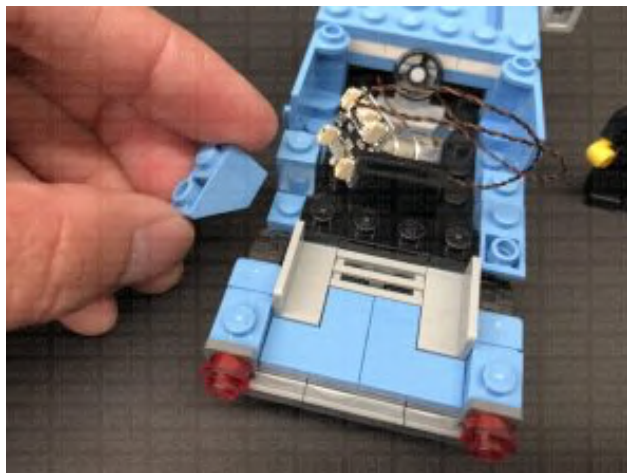
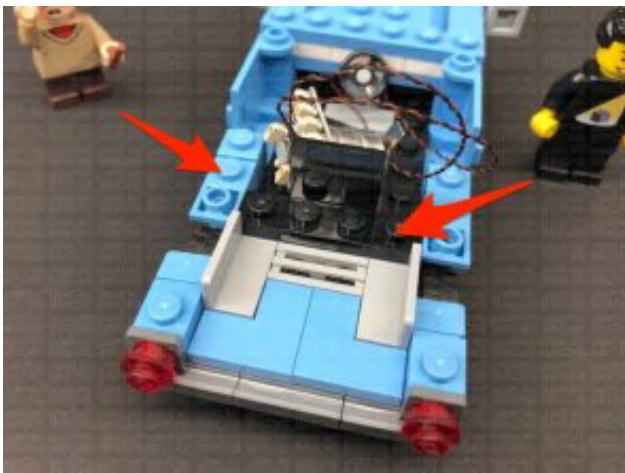
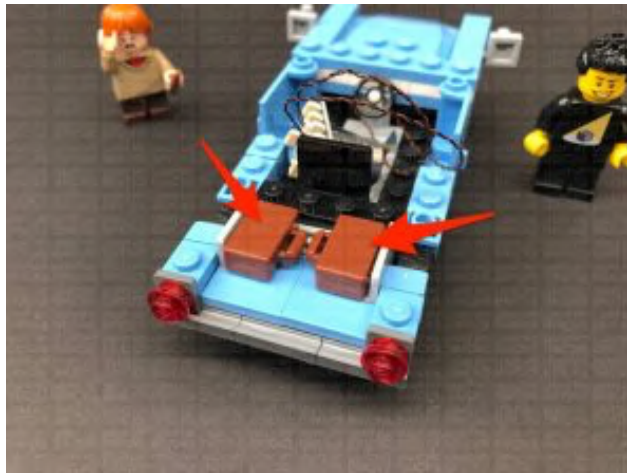
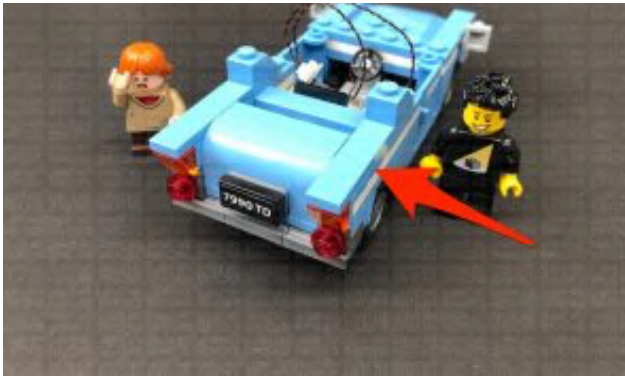


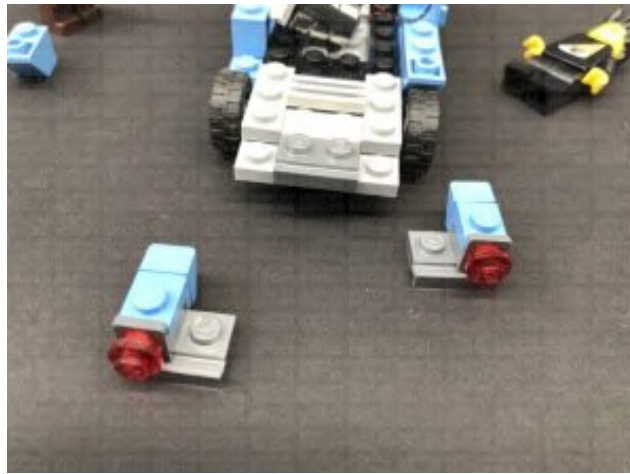
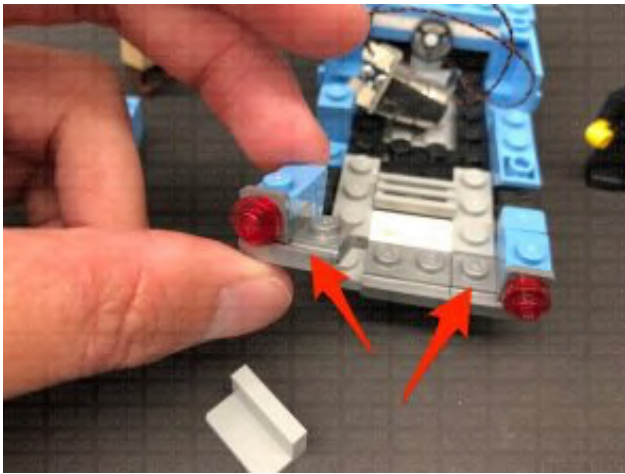


*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

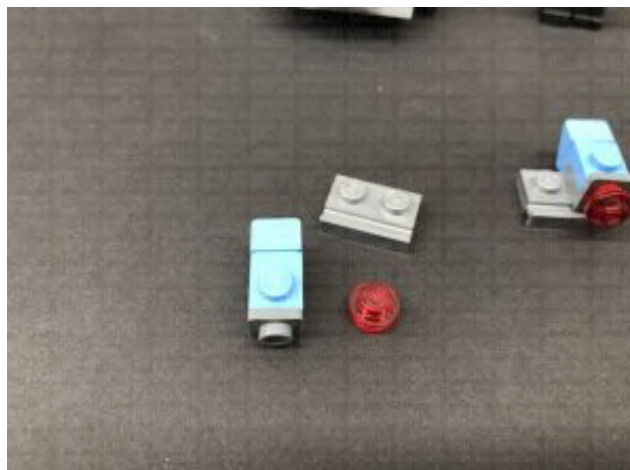
4.) Turn the vehicle around to the rear side and disconnect the following sections and pieces surrounding the back, then disconnect the tail light sections as shown below:

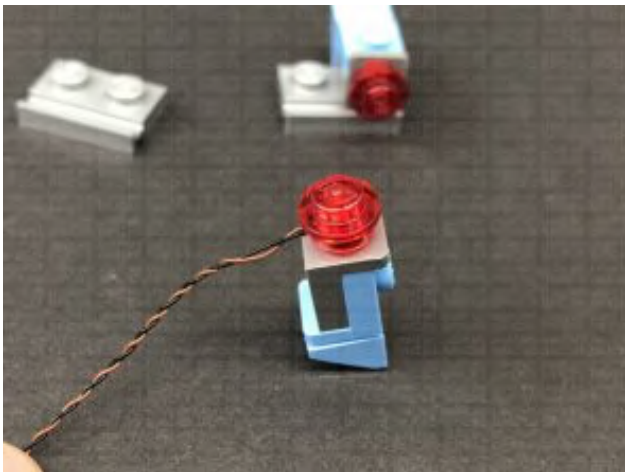




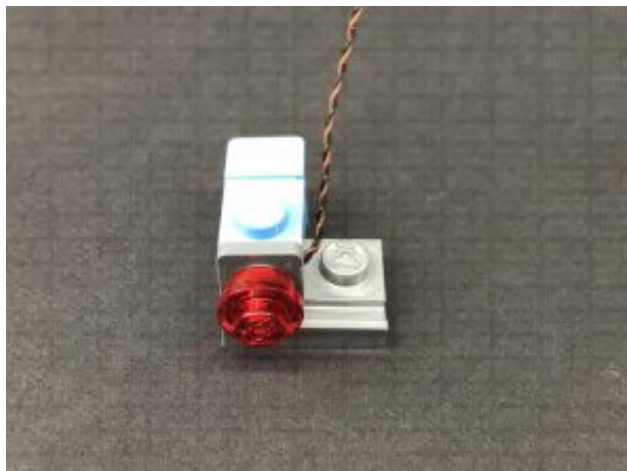
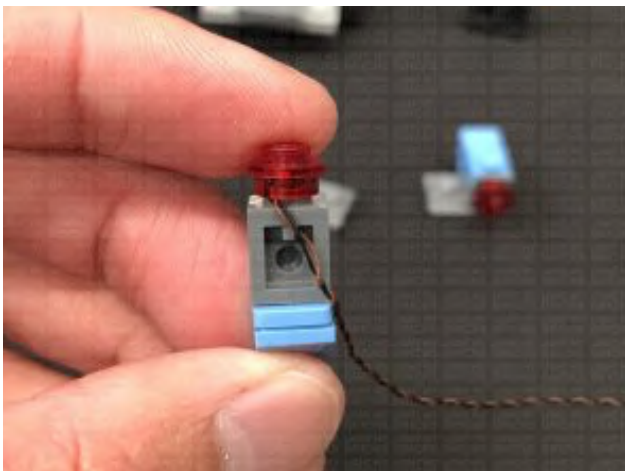


5.) Disassemble the left tail light section, then take a **White 15cm Bit Light** and with the cable facing down, place it over the front side of the dark grey stud. Secure it in place by reconnecting the trans red round plate over the top.



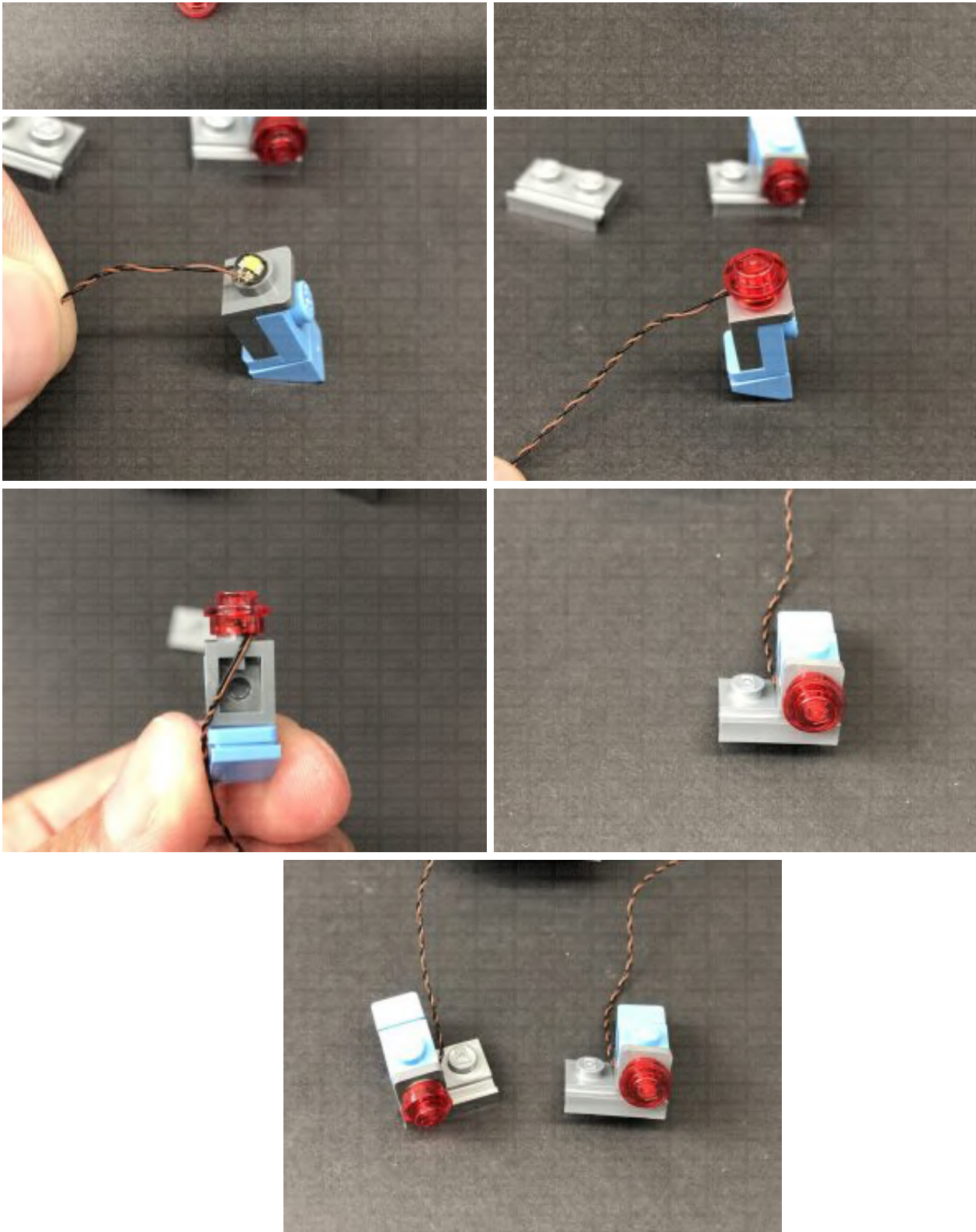


Fold the cable underneath this section toward the right side before reconnecting it to the grey 1x2 plate.



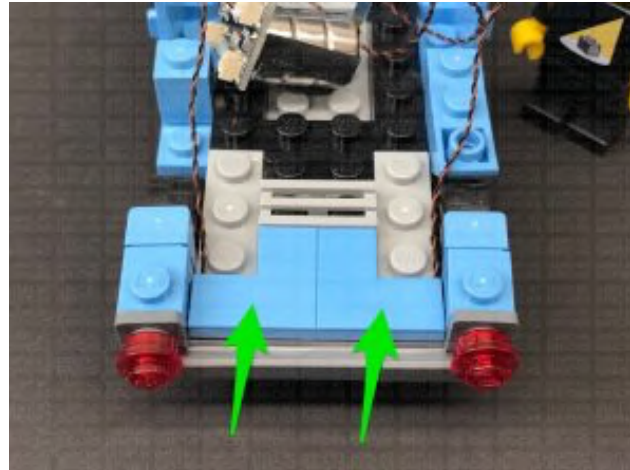
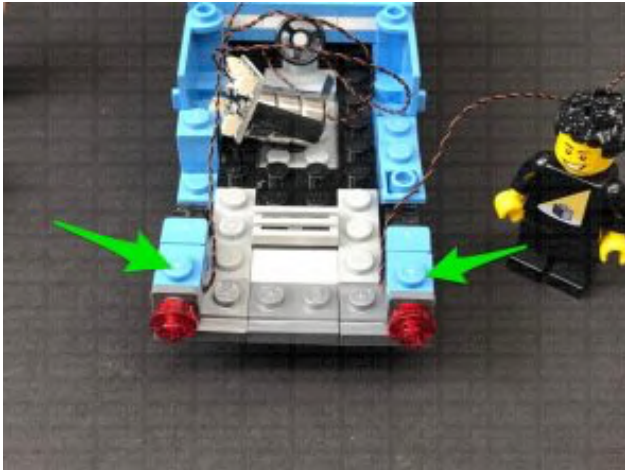
Repeat this step to install another **White 15cm Bit Light** to the right tail light except this time, fold the cable down underneath it toward the left side as shown below:



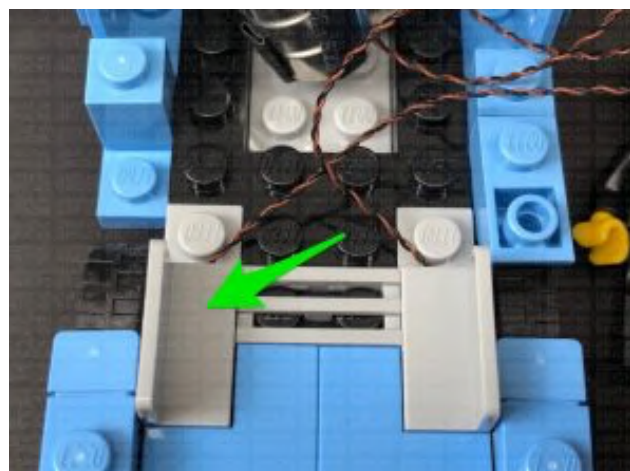
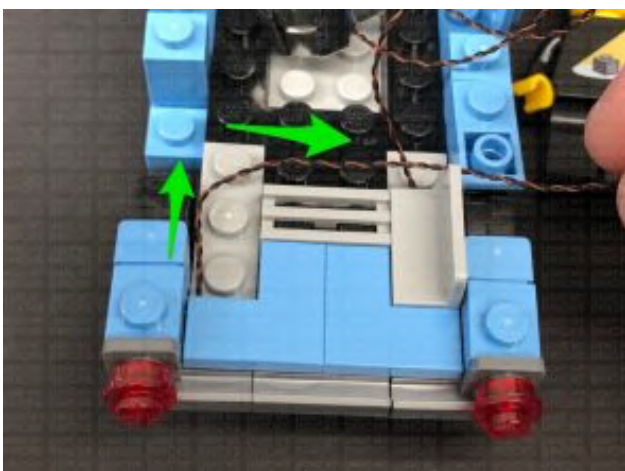
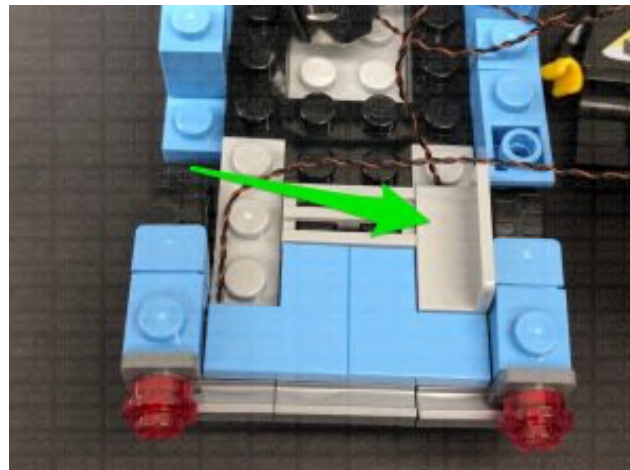
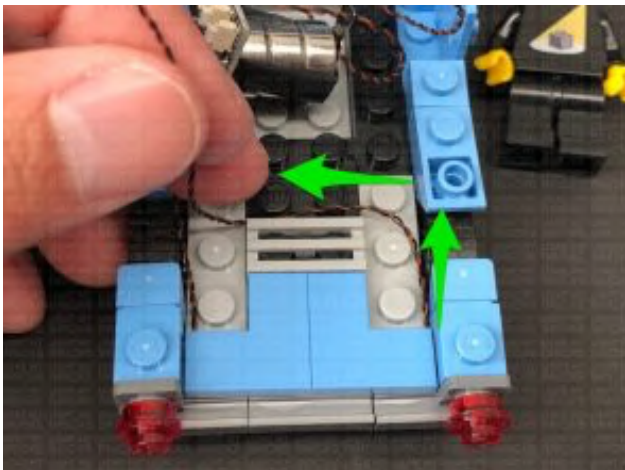


6.) Reconnect both tail light sections to the back of the vehicle, then reconnect the two 'L' shaped tiles ensuring the cables are laid up toward the centre of the

car in between studs.

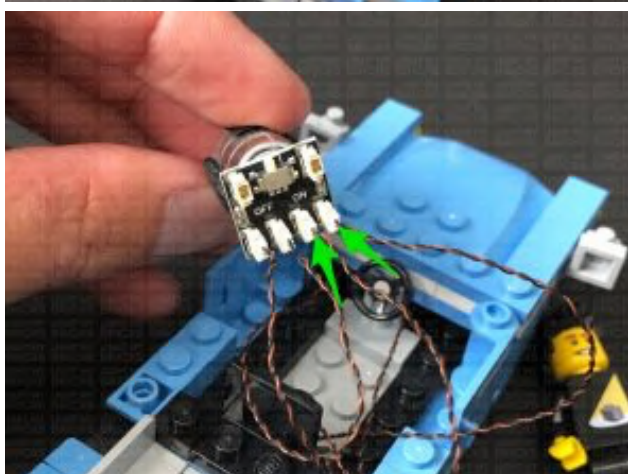
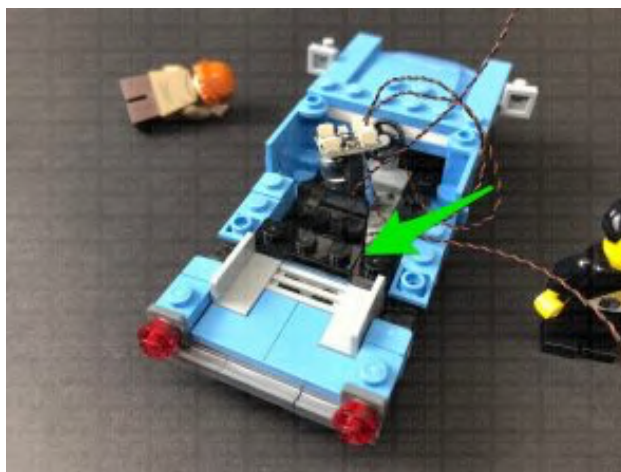
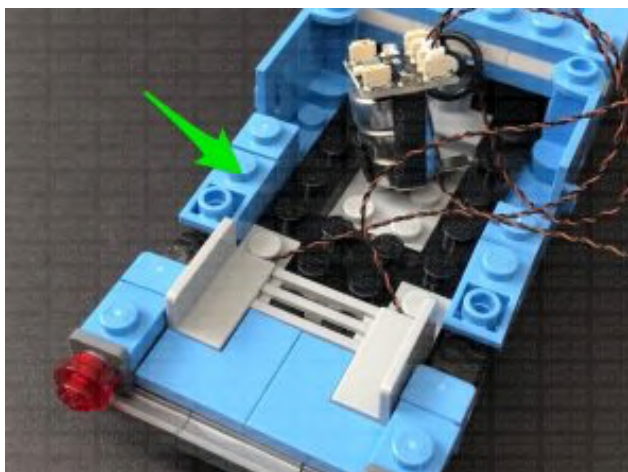


Lay each cable across toward the centre as shown below, then secure them down by reconnecting the right angled light grey pieces over the top.



Reconnect some of the pieces we removed earlier, then connect the two tail

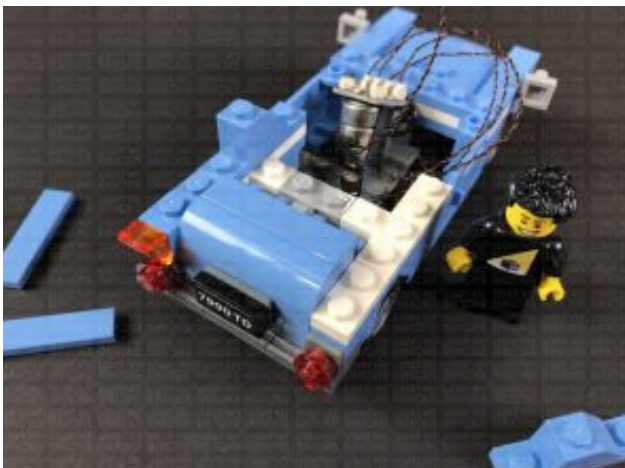
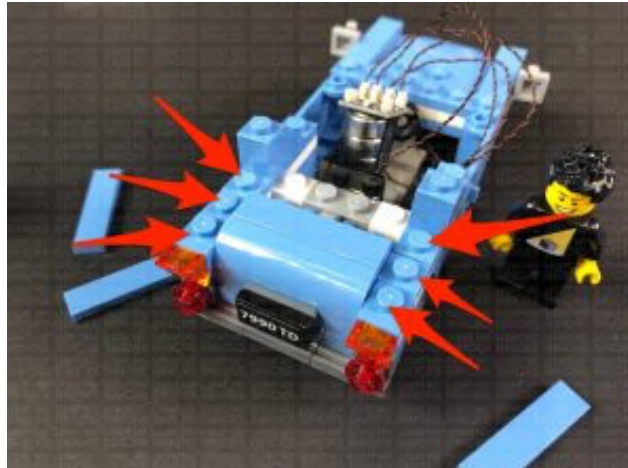
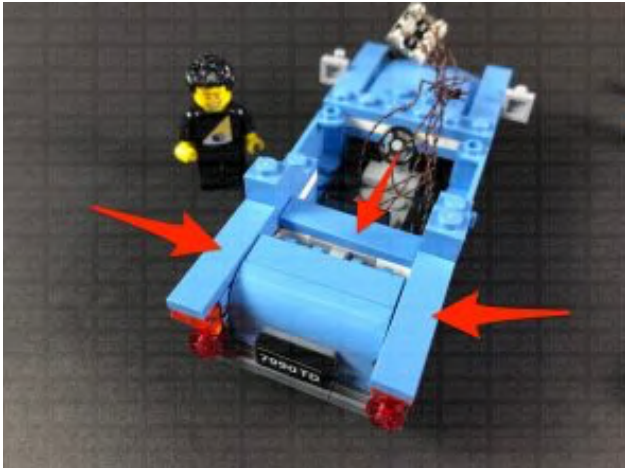
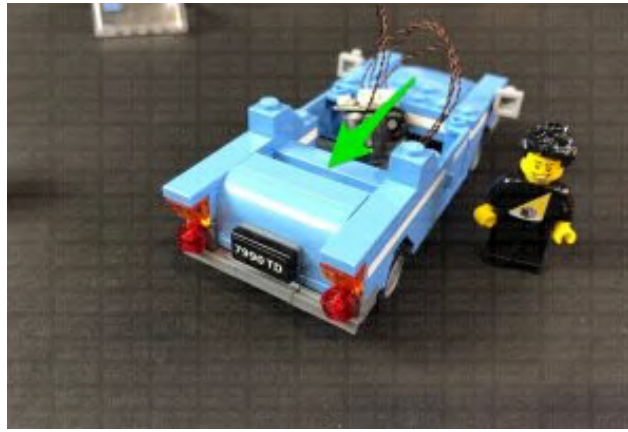
lights to the Micro Battery Pack ports. Turn ON the battery pack to test the tail lights are working OK.



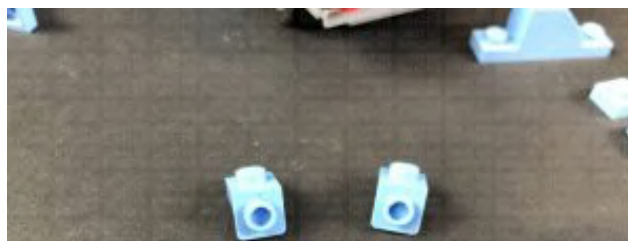
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

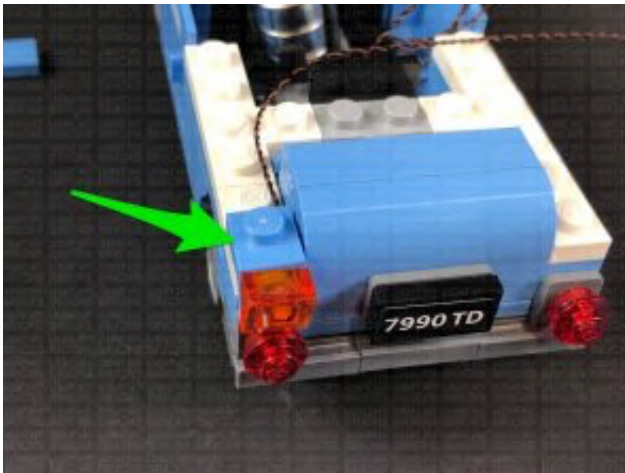
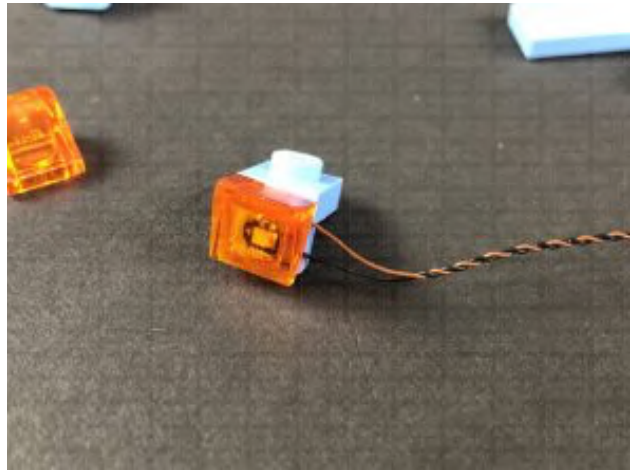
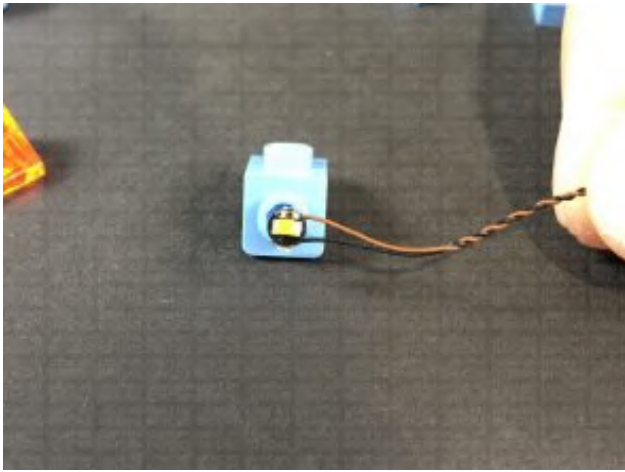
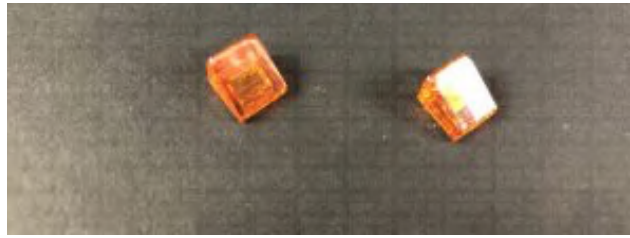
7.) Reconnect the main trunk section, then disconnect the following tiles and pieces in order for us to disconnect the upper tail lights.



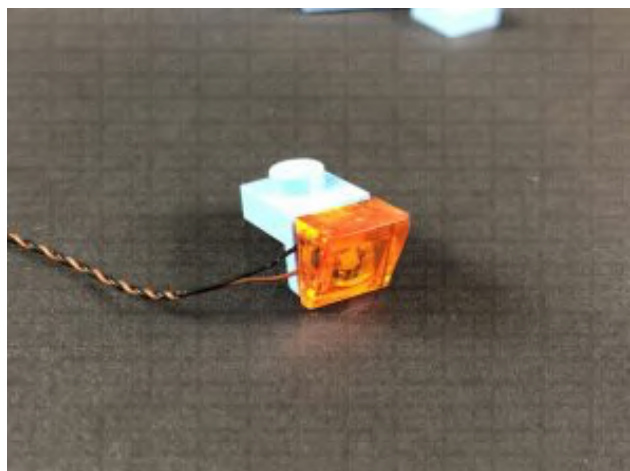
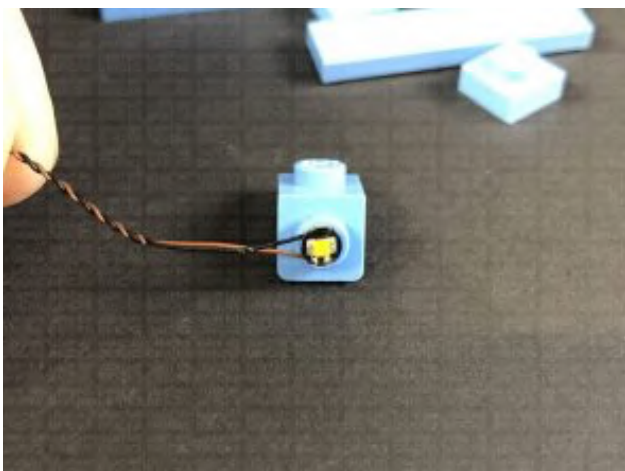


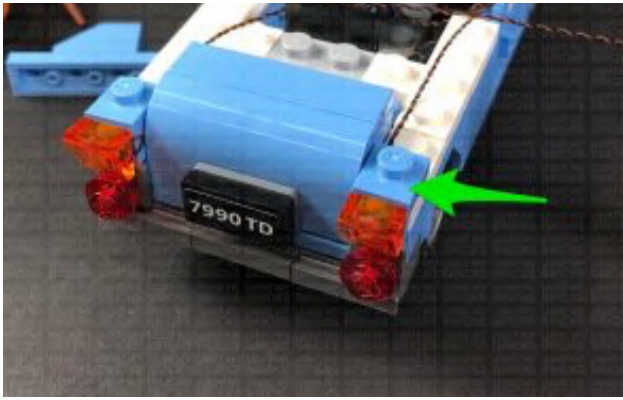
Disconnect the trans orange angled tiles, then take a **White 15cm Bit Light** and with the cable facing the right, place it over the front of one of the blue angled plates. Secure the Bit Light in place by reconnecting the trans orange angled tile over the top, then reconnect it to the left side of the rear of the car.



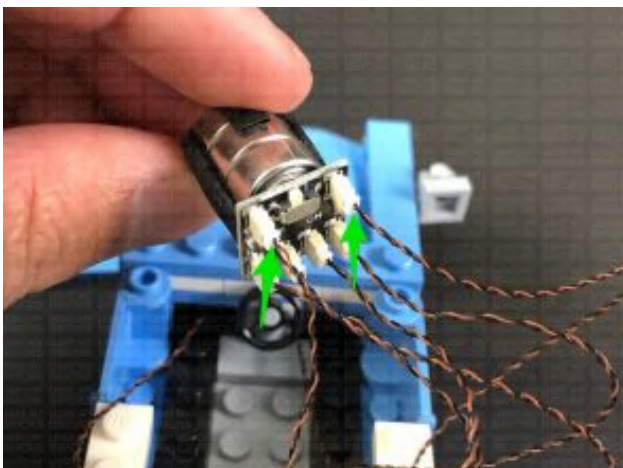


Repeat this step to install another **White 15cm Bit Light** to the right upper tail light section except this time, ensure the Bit Light cable is facing the left side.



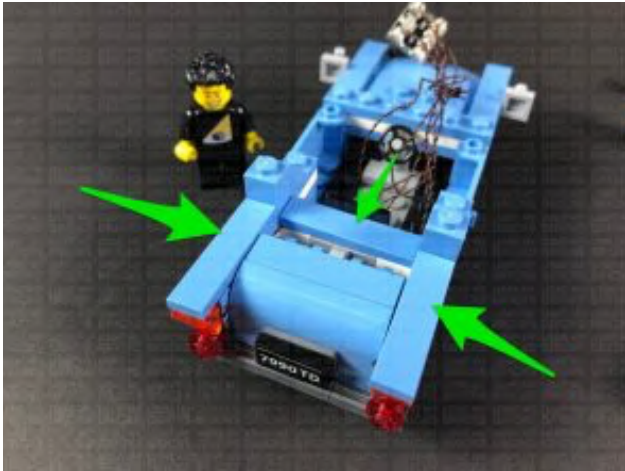
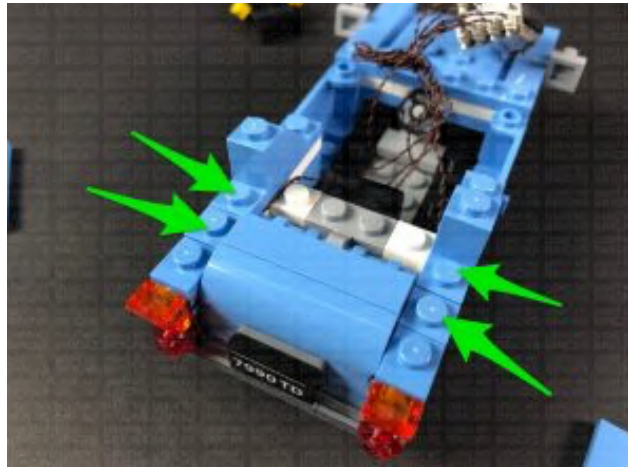
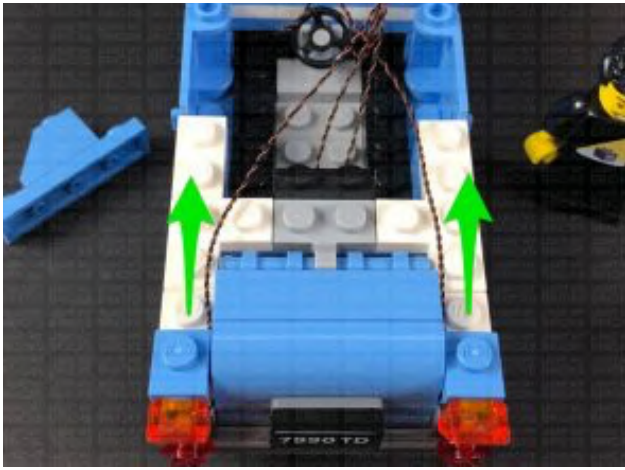


8.) Connect the two upper tail lights to the Micro Battery Pack, then turn the Battery Pack ON to test all the tail lights are working OK.



*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**.*

Lay the tail light cables down toward the centre of the car, ensuring they are laid in between studs, then reconnect pieces we removed earlier.

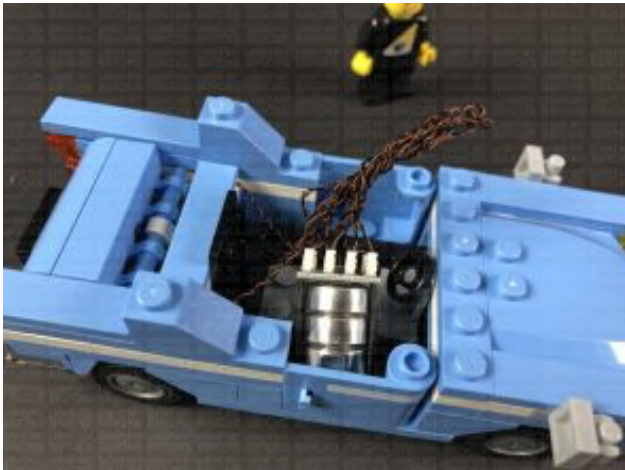
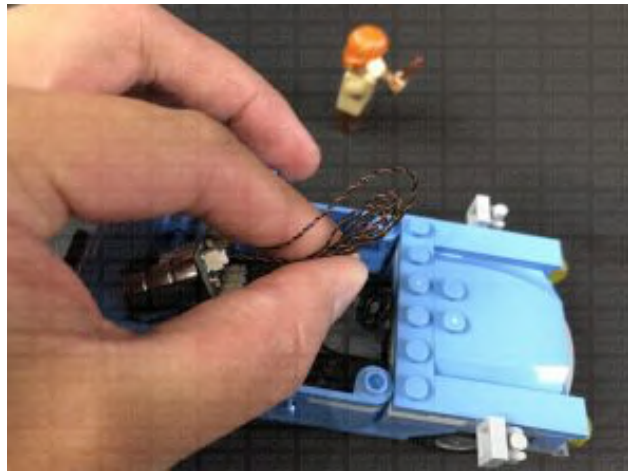


9.) Disconnect the steering wheel and lay the two cables from the head lights in between studs before reconnecting the steering wheel over the top.



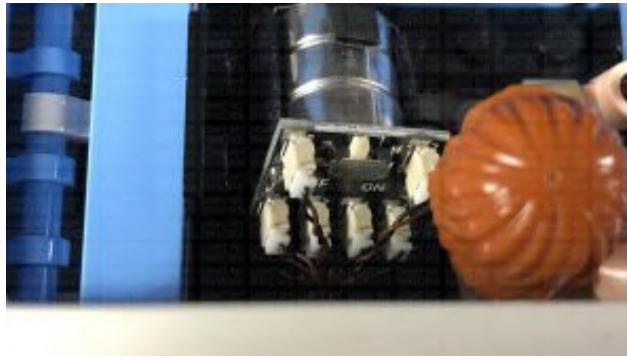
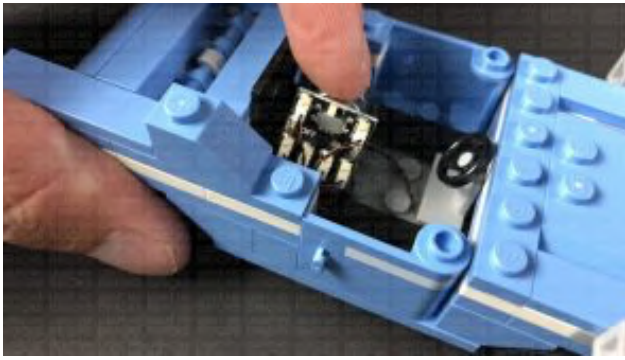


Eliminate excess cables by grouping them all together and twisting/folding them around each other into a neat bunch



Place the battery pack at the back of the car and tuck the bunched up cables underneath. Ensure the battery switch is facing up for easy access. Place Ron in the car to secure the battery pack in place, then reconnect the windows and roof.





Turn ON the battery pack again then, place the flying car back into the tree.



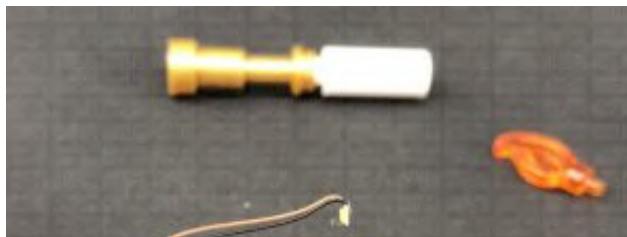
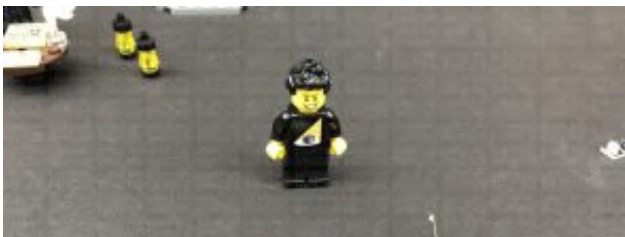


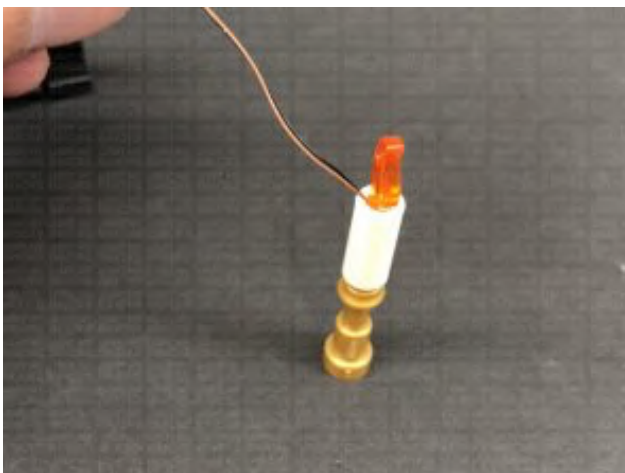
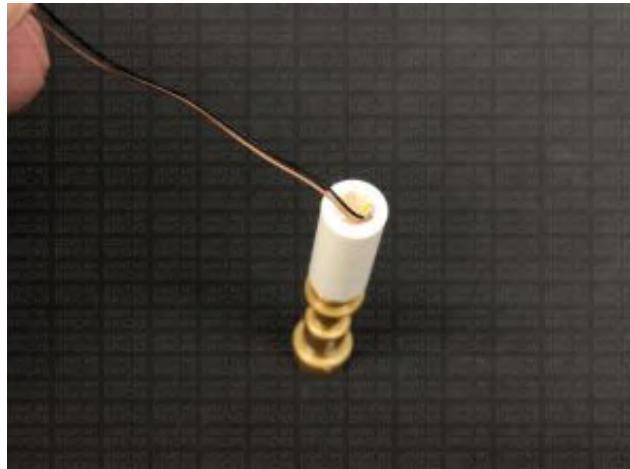
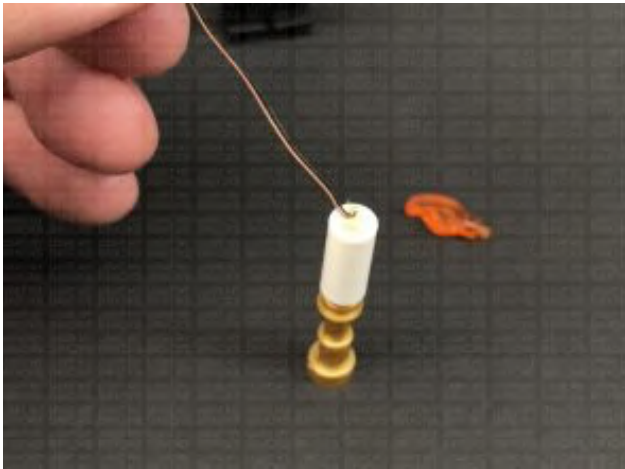
10.) We will now begin lighting the castle. First disconnect the left section by pulling them out at the technic pins, then disconnect the following sections from Professor Severus' office.



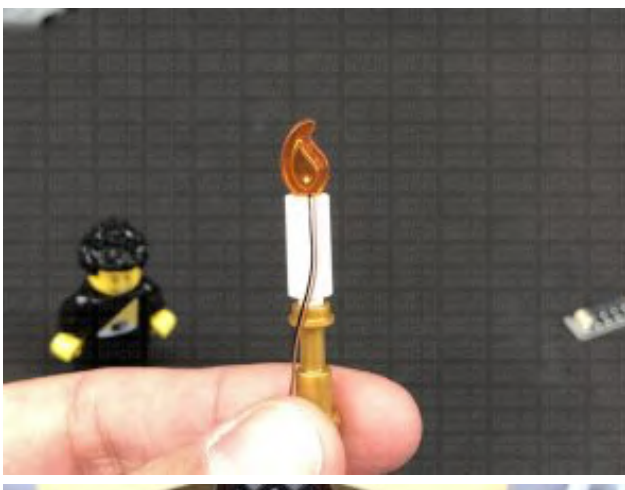


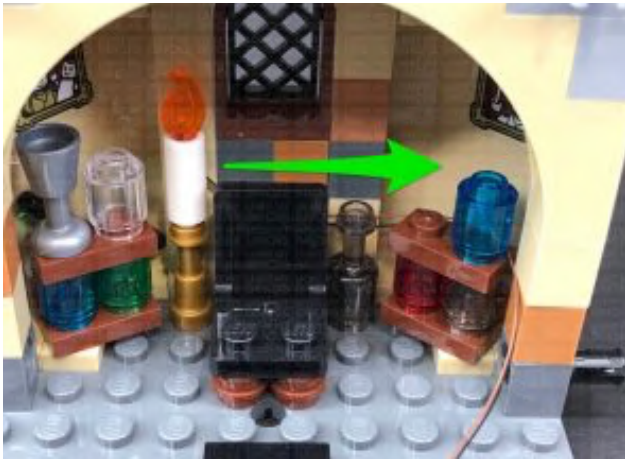
11.) Take the candle and disconnect the flame piece. Take a **White 15cm Micro Bit Light** and carefully bend the LED down as shown below. Place the micro light inside the top of the candle (with led facing up), then secure it down by reconnecting the flame piece.



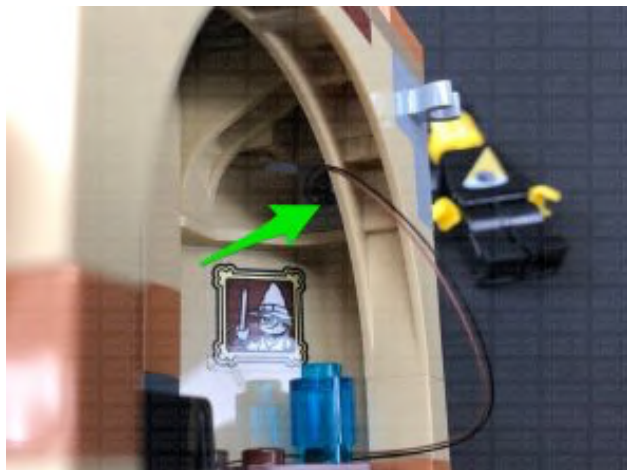


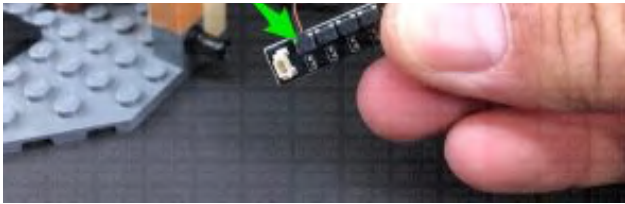
Fold the Bit Light cable down the side of the candle before reconnecting the candle to the professor's office. Ensure the cable is facing behind and tucked behind the chair and shelf toward the right.





Thread the other end of the Micro Bit Light through the hole on the top right (next to the technic pin), then pull it out from the other side and connect it to a **Micro 4-Port Expansion Board**.





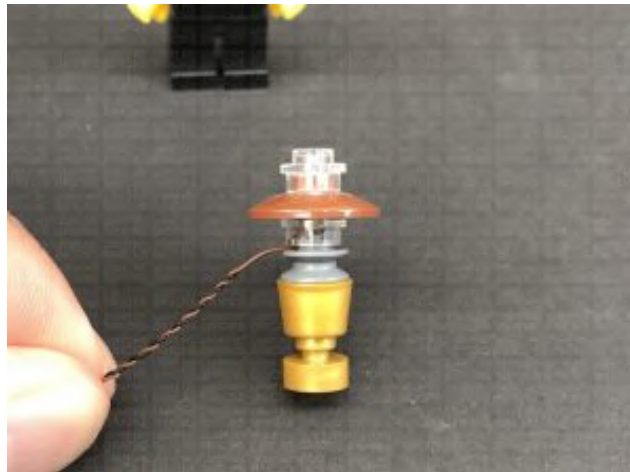
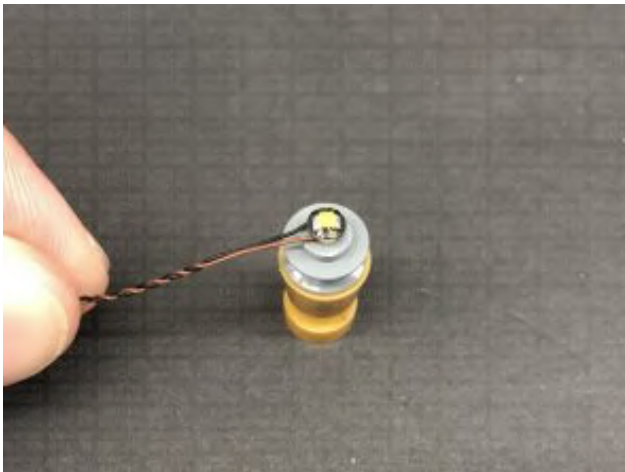
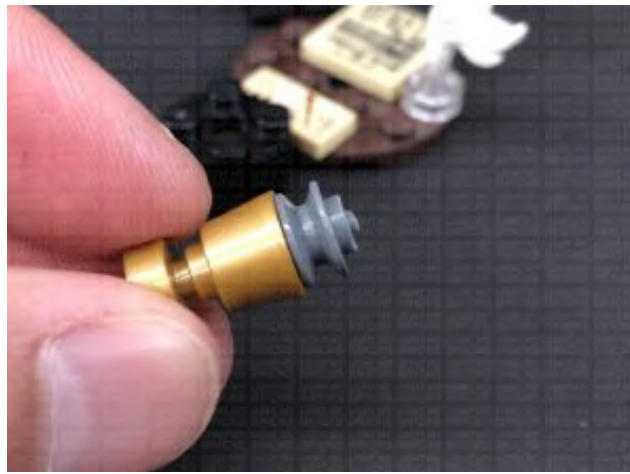
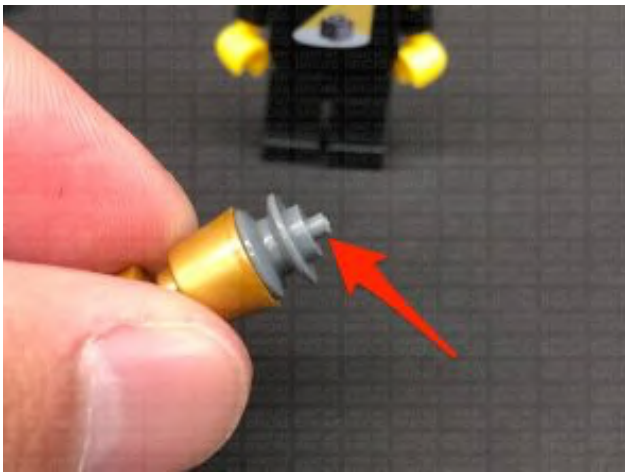
Note – We will connect the micro bit light up to a flicker effects board later on. Leave this component as is for now.

12.) Disconnect the lamp from the desk as well as the rigid brick underneath, then disassemble the lamp as shown below:



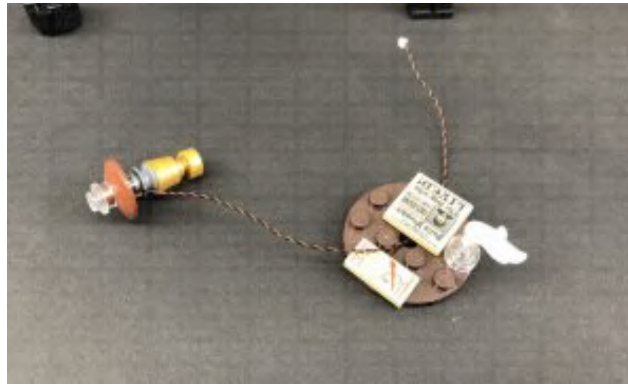
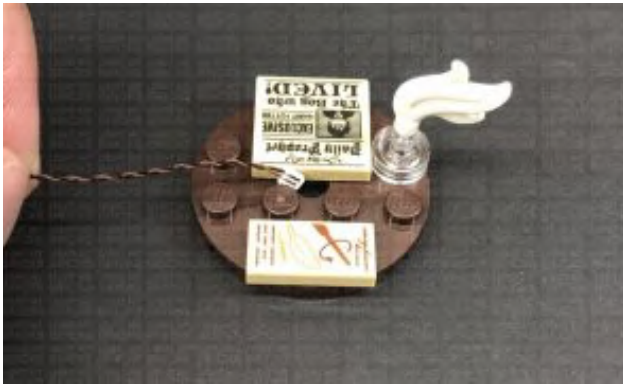


Using a pair of scissors, carefully snip off the tip off the dark grey wheel piece. Take a **White 15cm Bit Light** and place it directly over the grey stud (under the tip we snipped off). Secure the Bit Light in place by reconnecting the dish with trans clear round plate over the top.



Thread the other end of the Bit Light down the hole in the centre of the desk. Pull the cable all the way out from underneath, then reconnect the lamp on top of the desk and the rigid brick underneath. Ensure the lamp cable is facing the back.





13.) Connect the Bit Light to a **6-Port Expansion Board**, then reconnect the desk to the office floor.



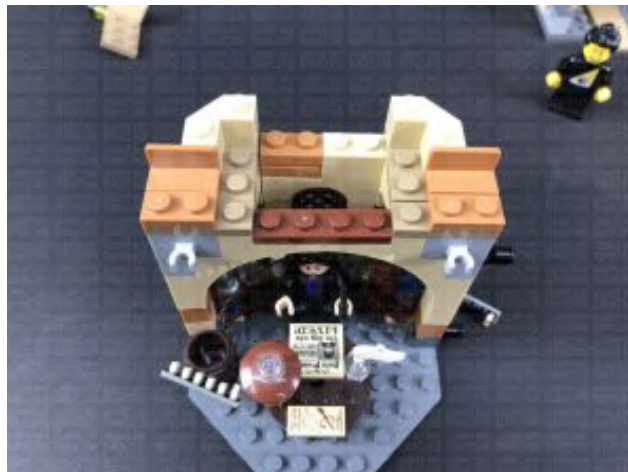


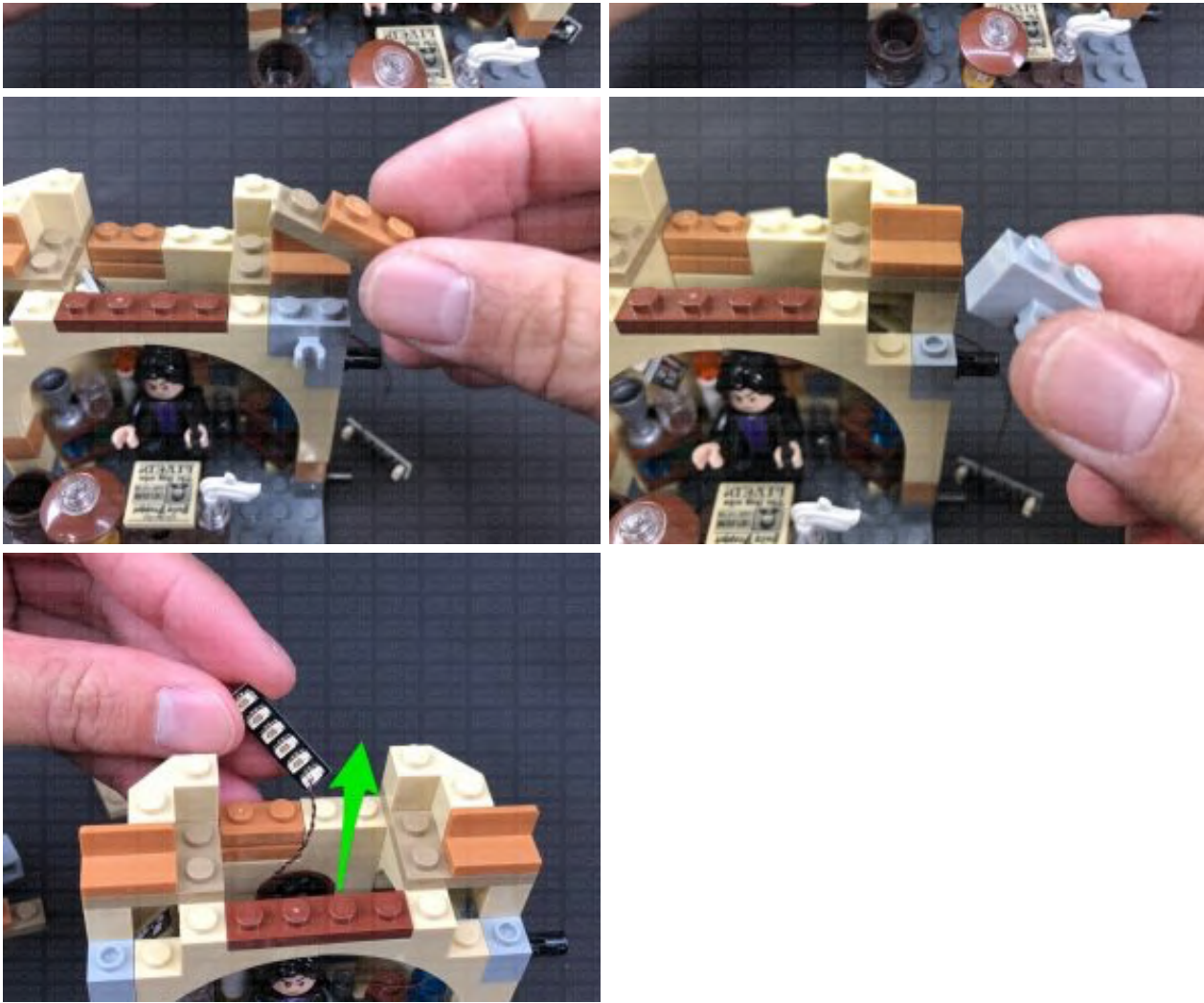
Remove the black chair and lay the cable from the lamp down in between studs towards the back wall before reconnecting the chair over the top. Reconnect the Severus to his chair.



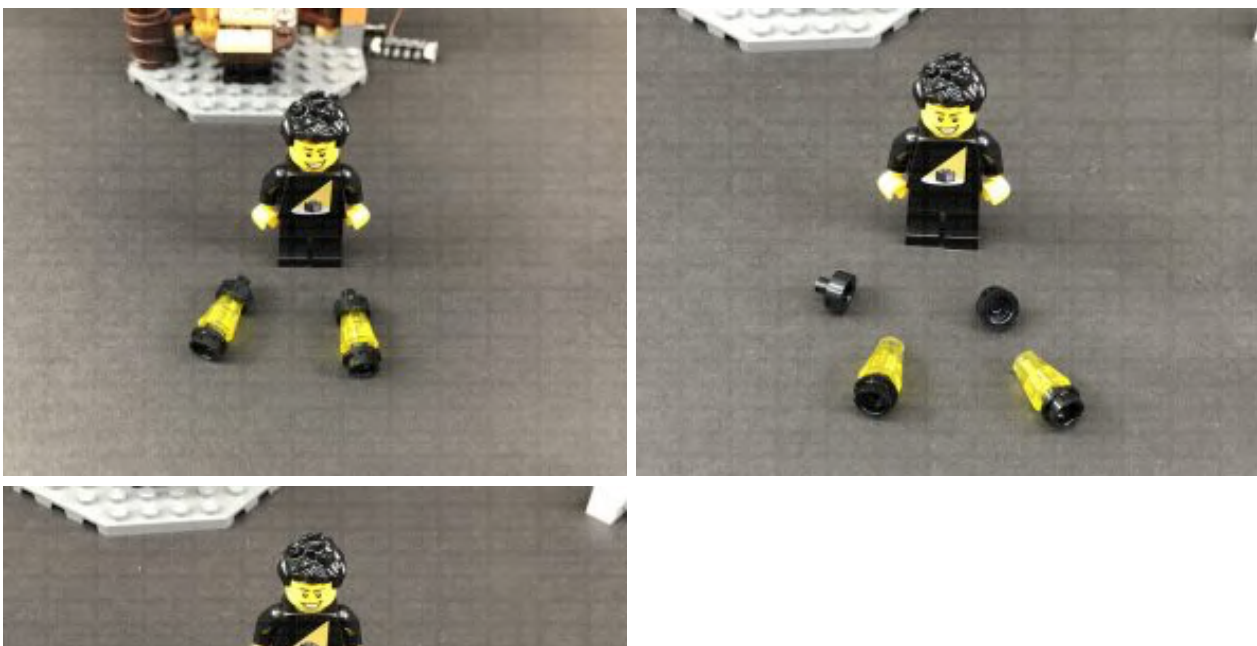


Disconnect the following pieces so that we can remove the two grey bricks with clips, then bring the expansion board up from underneath.



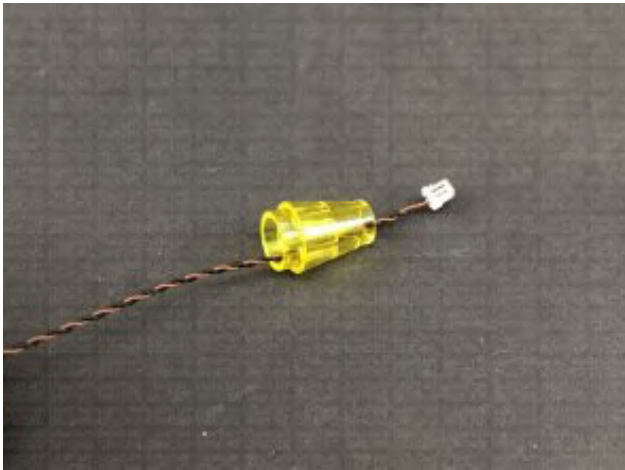


14.) Take the two wall lamps and disassemble them as per below:



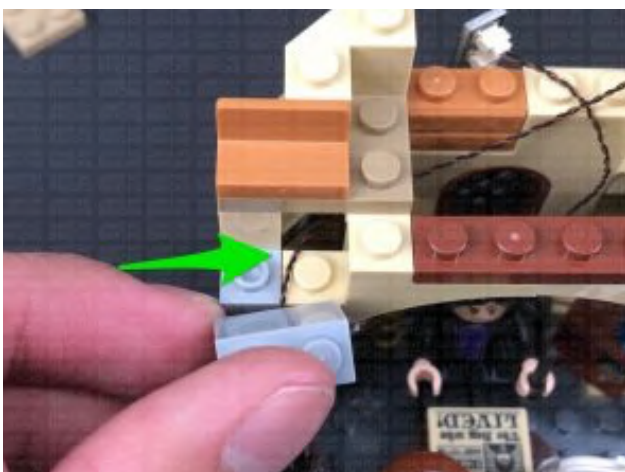
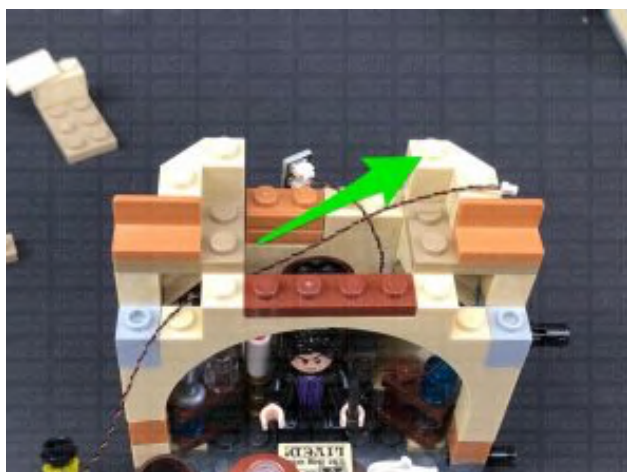
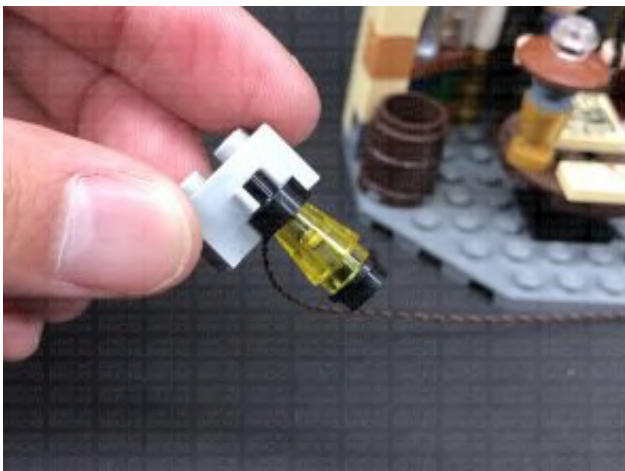


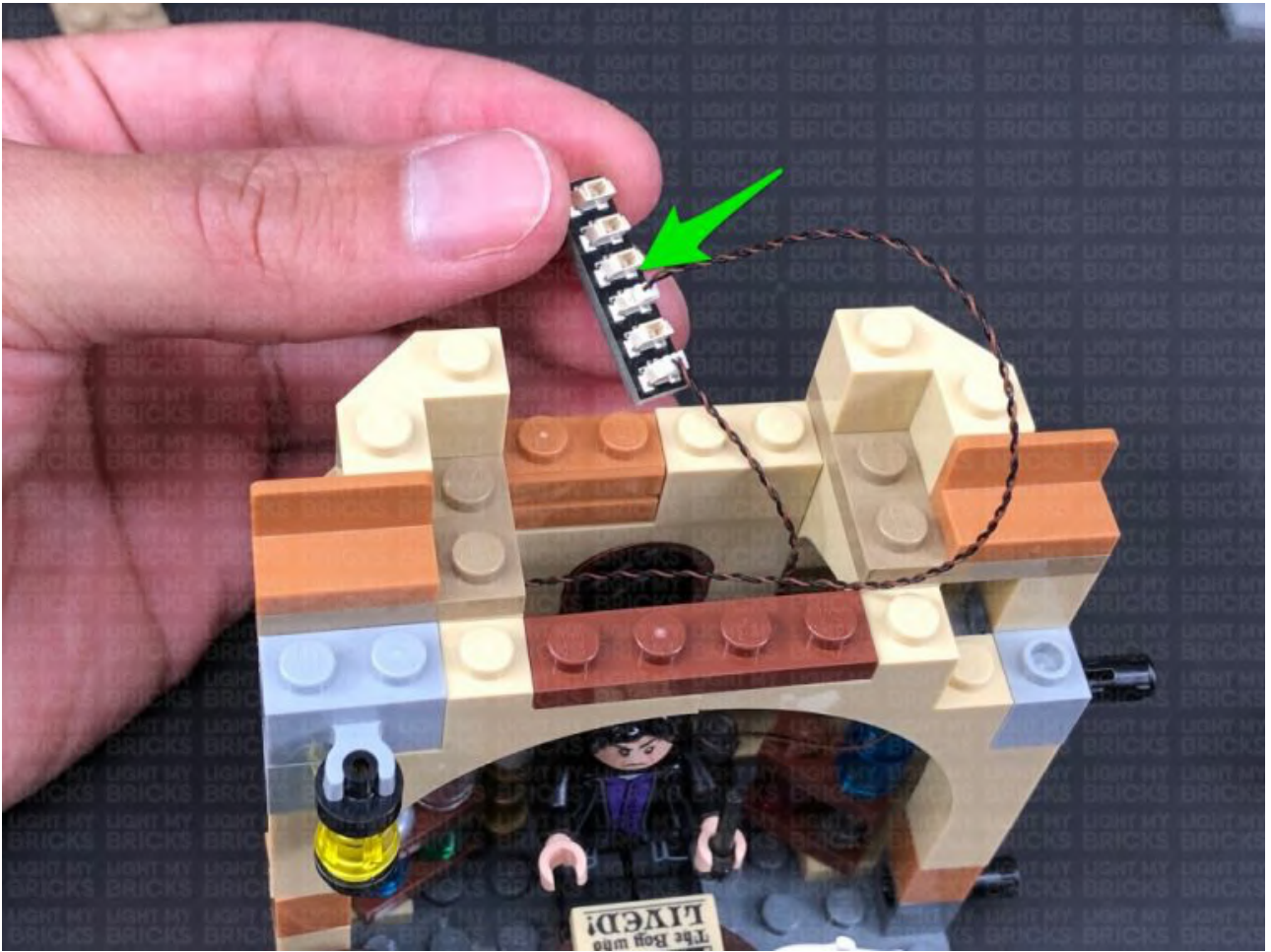
Take a **White 15cm Bit Light** and thread the connector end through the bottom (larger hole) of the trans yellow cone piece. Thread the light all the way through until the LED is right up inside. Secure the Bit Light in place by reconnecting the round plate underneath and round plate with tip on top. Ensure the cable is facing the back of wherever the LED front is facing.



Reconnect the lamp to one of the grey bricks with clips, then bring the cable underneath the base of the grey brick. Thread the Bit Light cable down the space on the top left of the professor's office. Pull the cable all the way up from

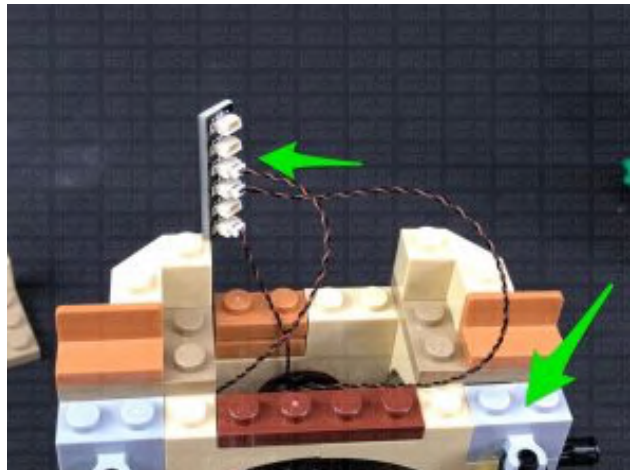
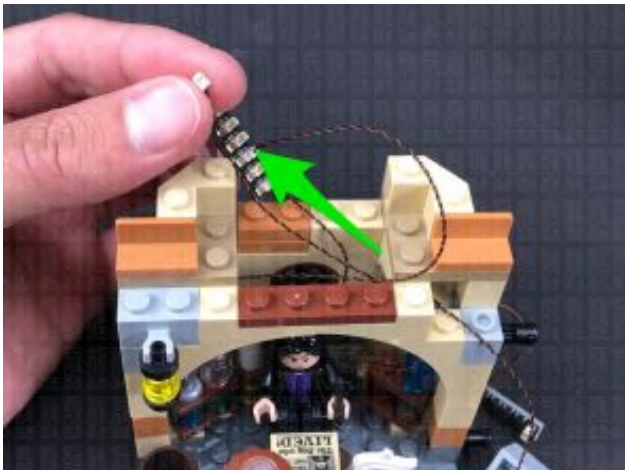
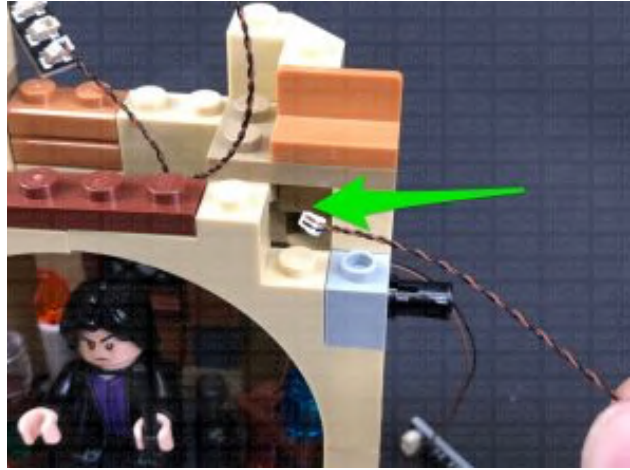
the other side (middle area). Ensuring the cable underneath the grey brick is laid in between studs, reconnect this section to the wall, then connect the bit light cable to the 6-port expansion board.



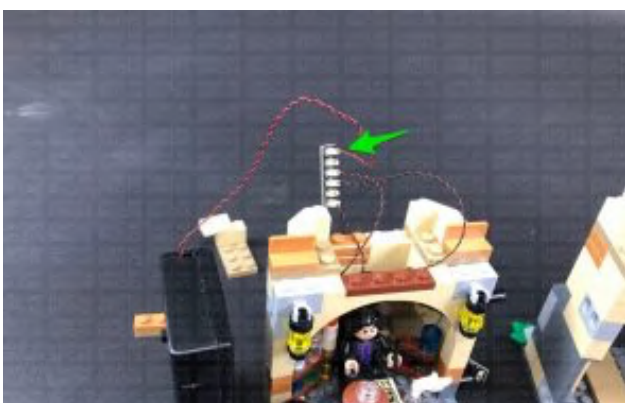


15.) Repeat the previous step to install another **White 15cm Bit Light** to the wall lamp on the other side.





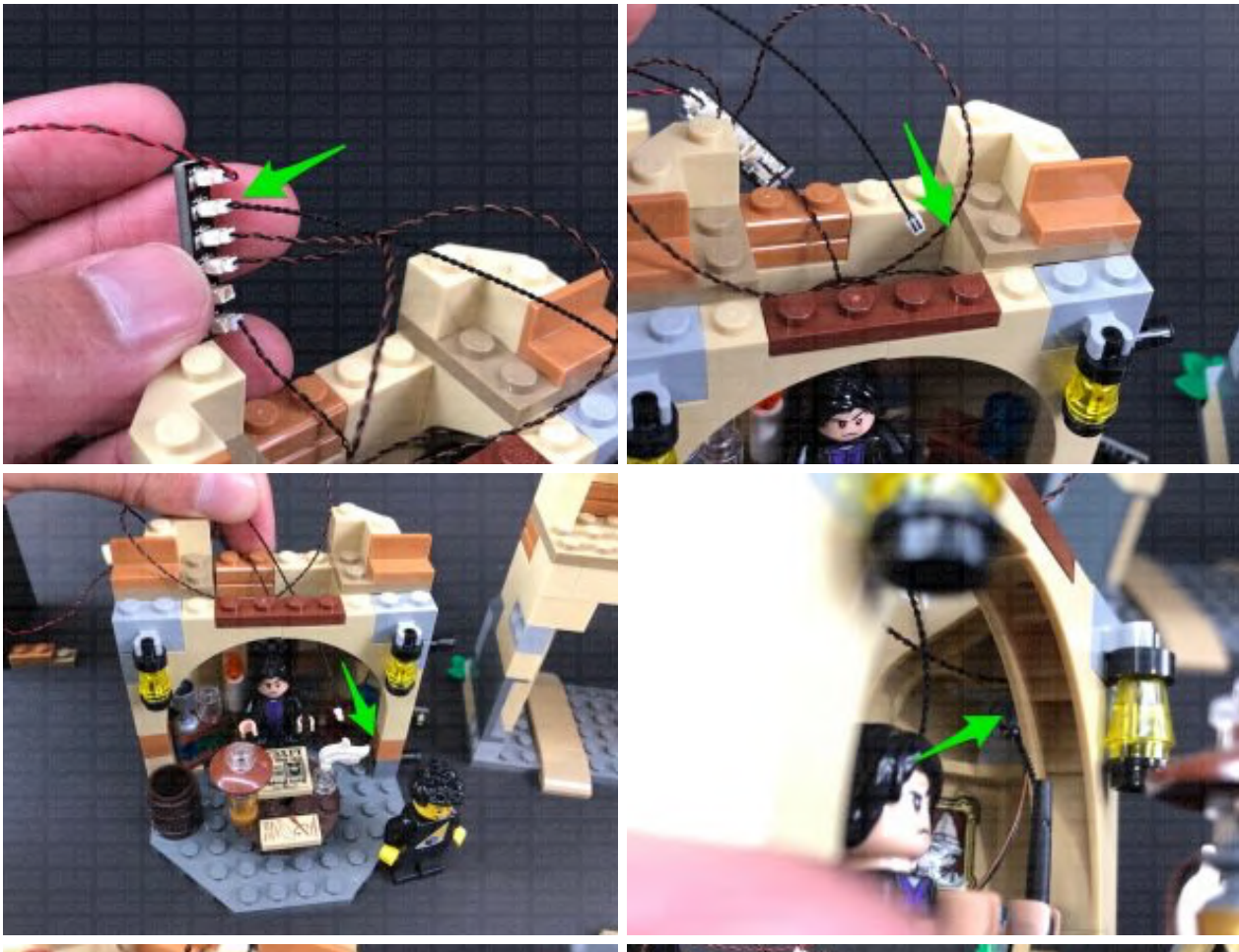
Take the **AA Battery Pack** and insert 3x NEW AA Batteries. Connect the Battery Pack cable to the 6-port Expansion Board, then turn the battery pack ON to test the desk lamp and wall lights are working OK.

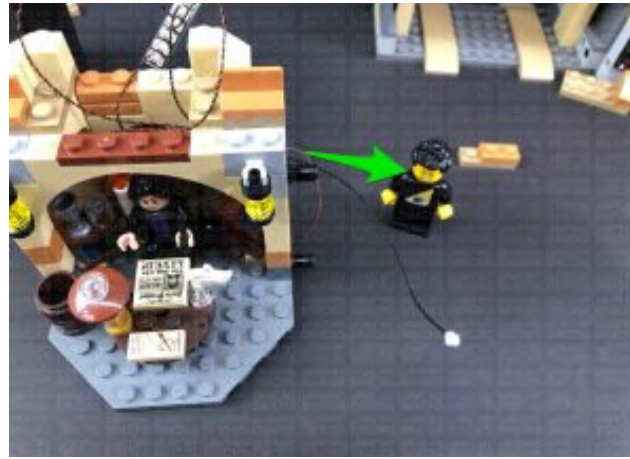
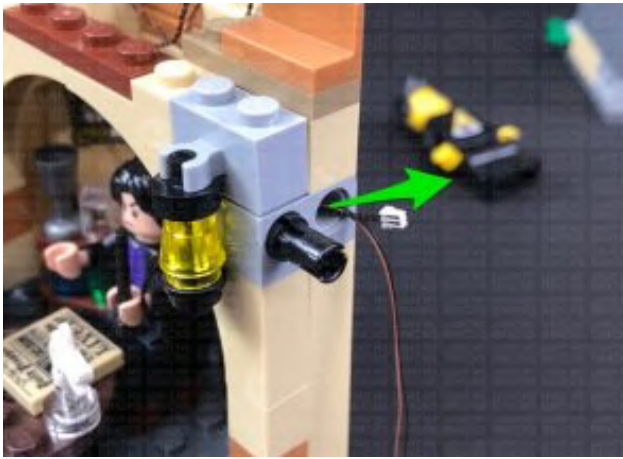




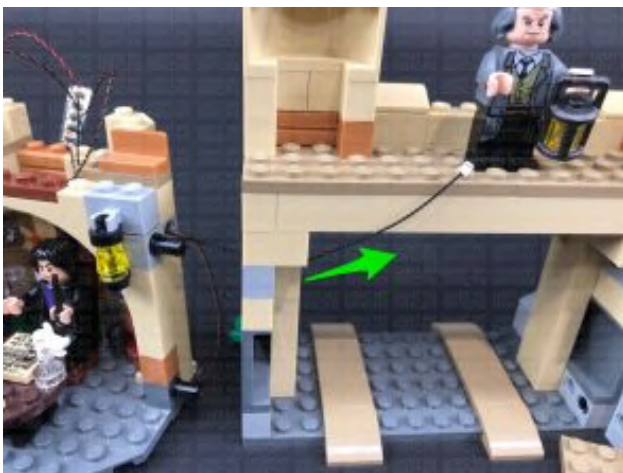
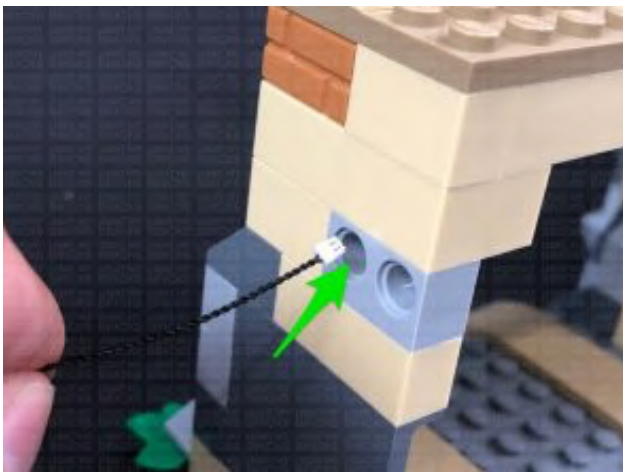
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

16.) Take a **15cm Connecting Cable** and connect it to the 6-port expansion board, then thread the other end of the cable down the middle space, to the inside of the room. Thread it back outside via the same hole we threaded the micro bit light through (top right) and pull it out through the other side.



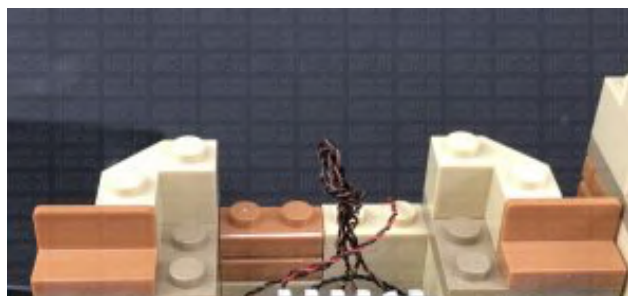
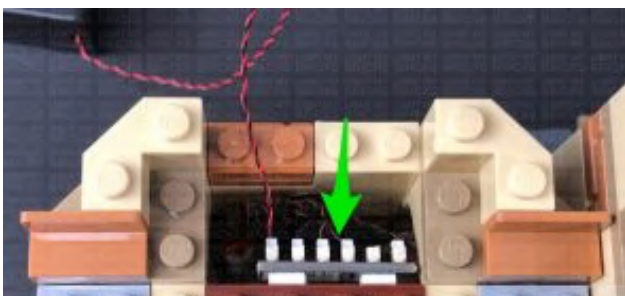
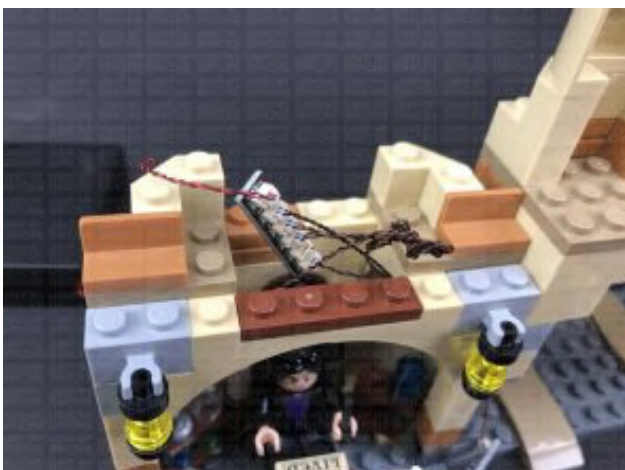
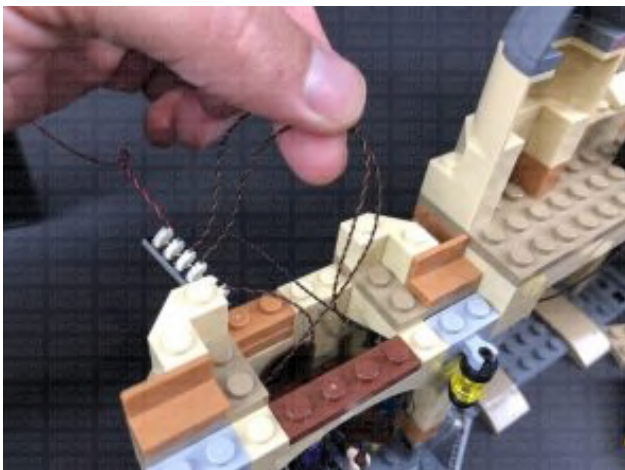


Bring this section of the castle close to the main section, then thread the cable through the hole that leads into the main section of the castle via the left hole in the grey technic brick. Pull the cable out through the other side, then reconnect both sections together ensuring the micro 4-port expansion board is still accessible.



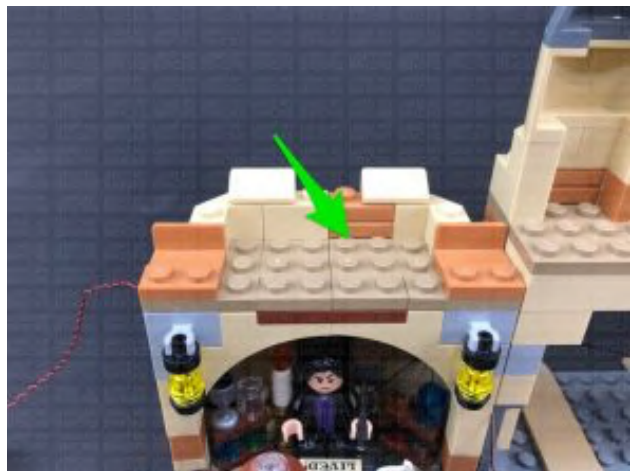
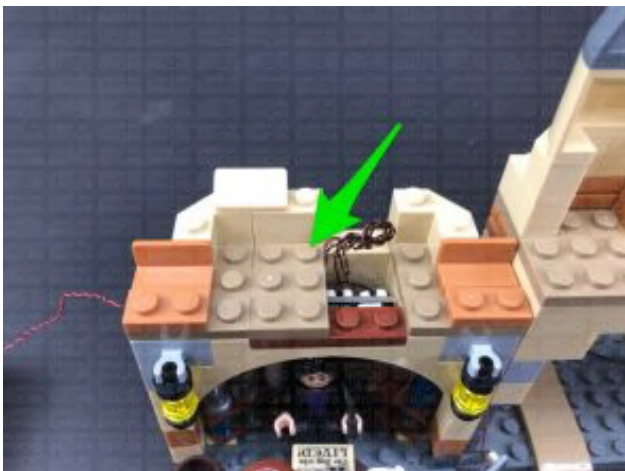
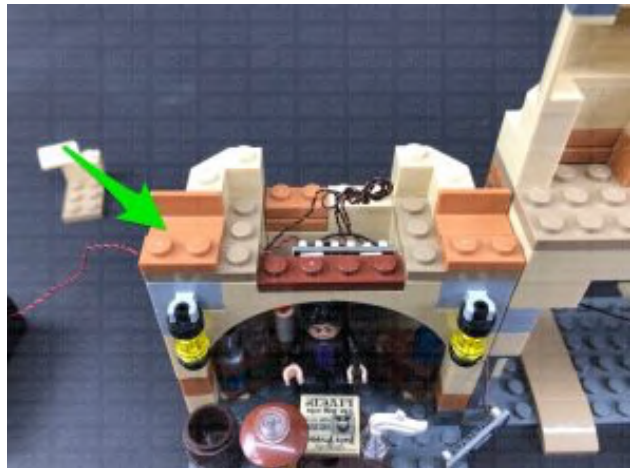


17.) Neaten up the cables above Professor Severus' office by folding and twisting them around each other into a neat bunch, then stick the expansion board to the inside of the roof area using **2x Adhesive Squares**.





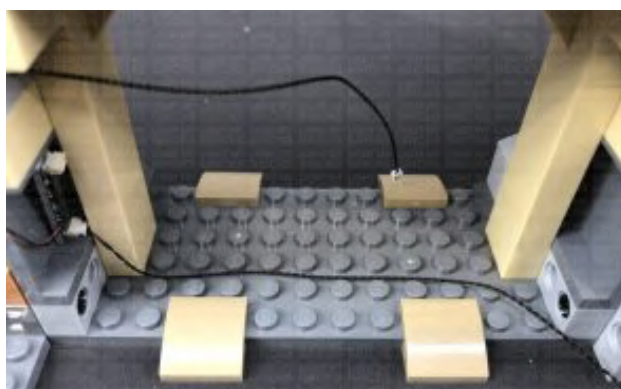
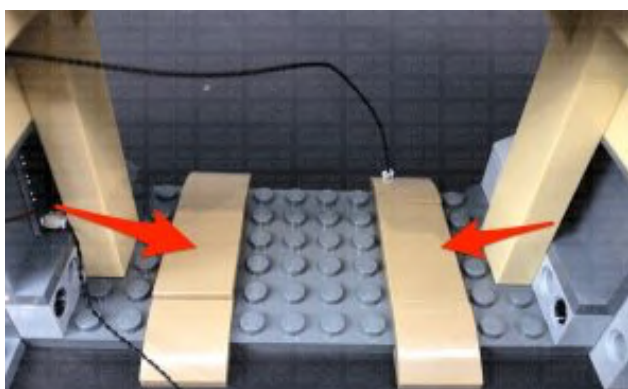
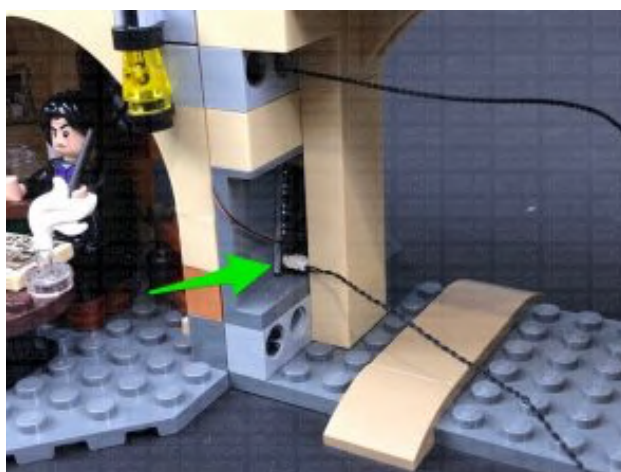
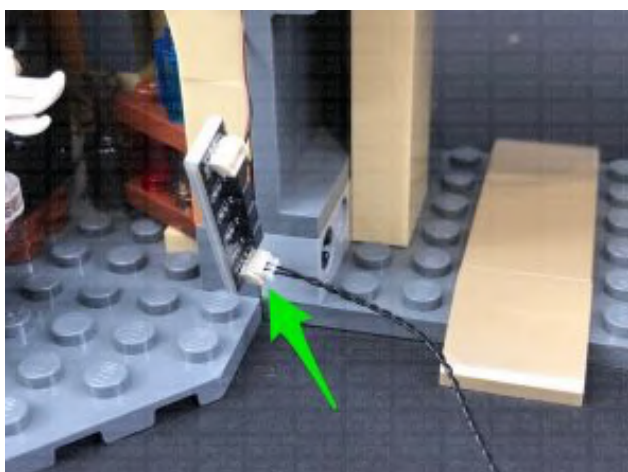
Bring the battery pack cable over to the left side ensuring it is laid in between studs, then reconnect pieces we removed earlier. Check to make sure there are no dangling cables visible by pushing any excess cables up into the roof area.

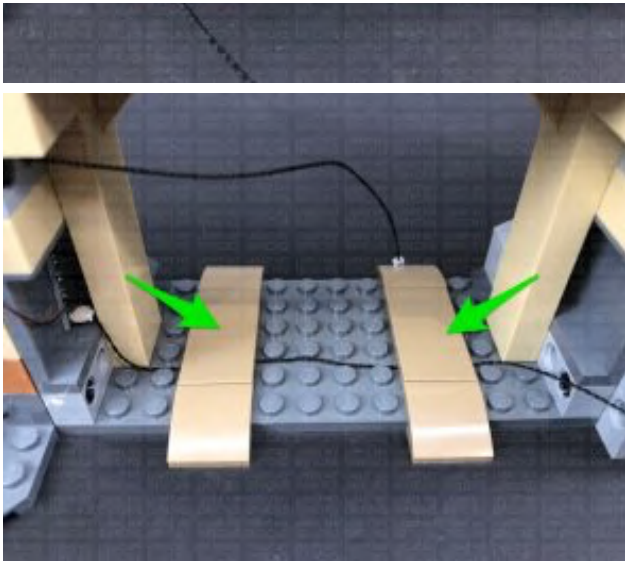


Hide the cables on the right side behind the shelf.

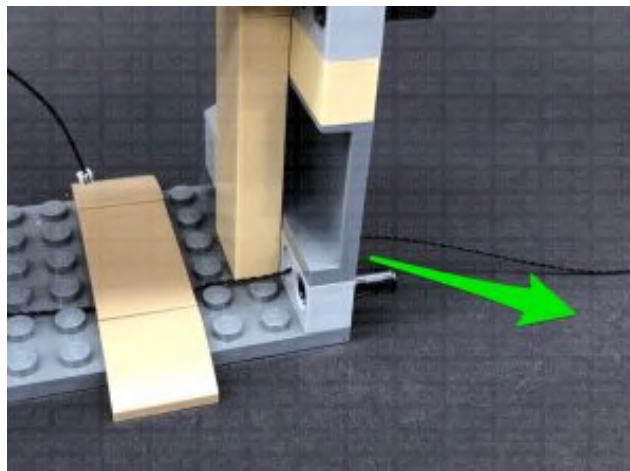
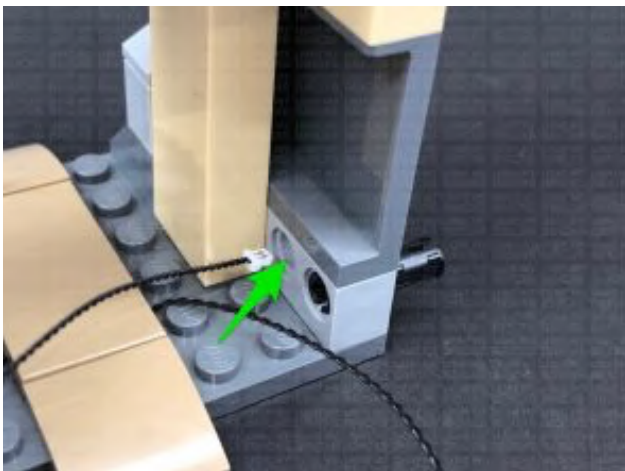


18.) Take a **50cm Connecting Cable** and connect it to the Micro 4-Port Expansion Board (bottom port). Hide the expansion board in between the grey wall and pillar, then disconnect the two tiles along the ground on the right. Lay the 50cm Connecting Cable across in between studs before reconnecting the tiles over it.

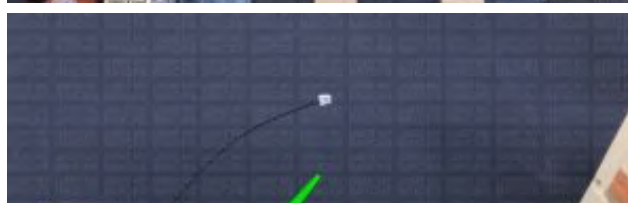
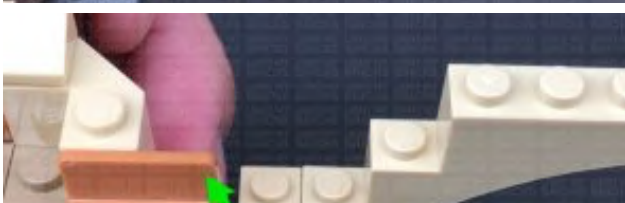
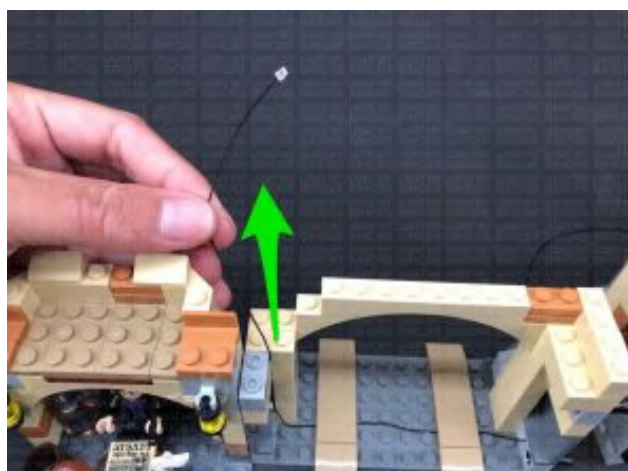
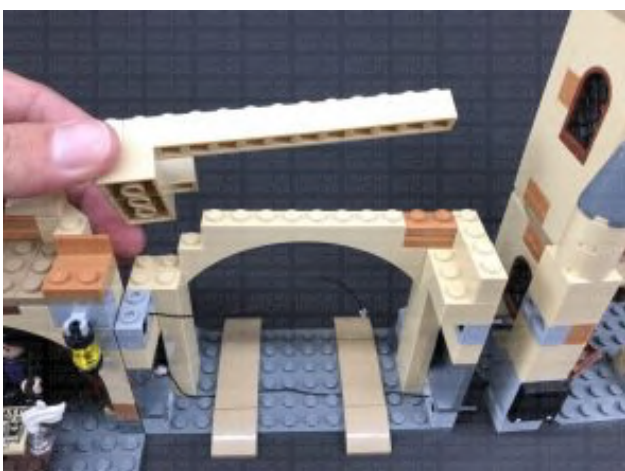
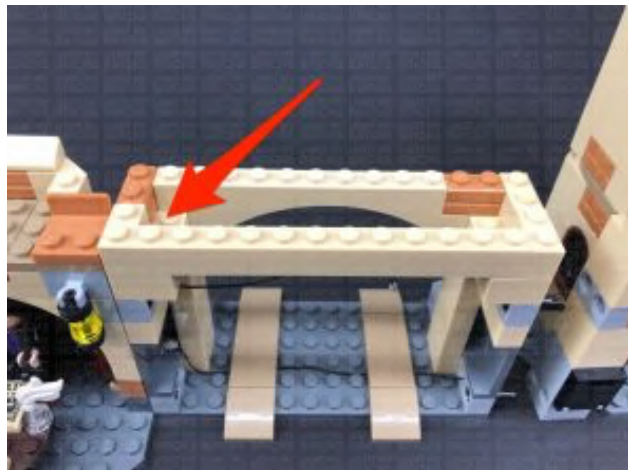


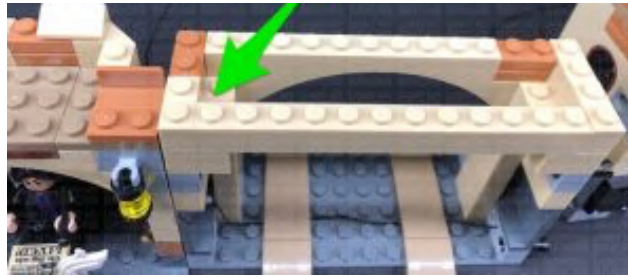
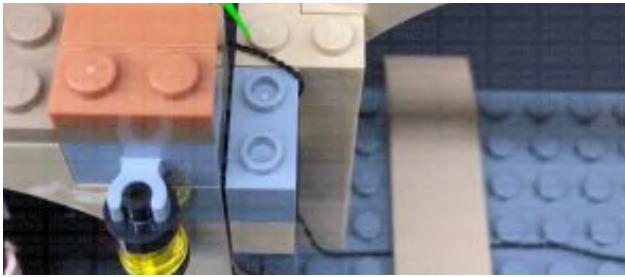


Disconnect this middle section from the tower section by pulling it out at the technic pins, then thread the 50cm cable through hole on the bottom right side. Pull the cable all the way out from the other side.



19.) Disconnect the following sections above, then pull the 15cm connecting cable up from underneath. Bring the cable over the left side of the wall and lay it in between studs before reconnecting one of the sections we removed earlier over .

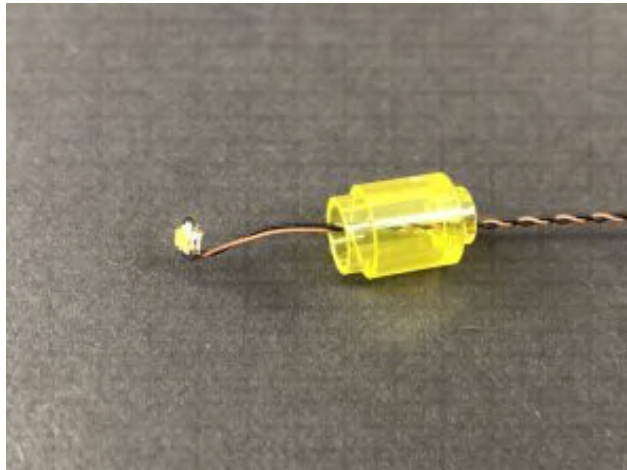
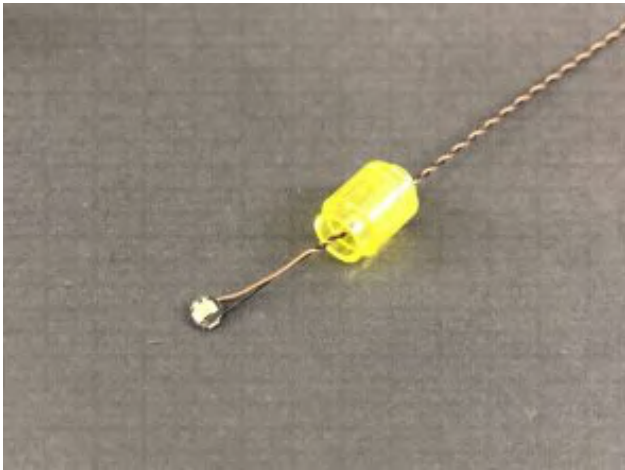
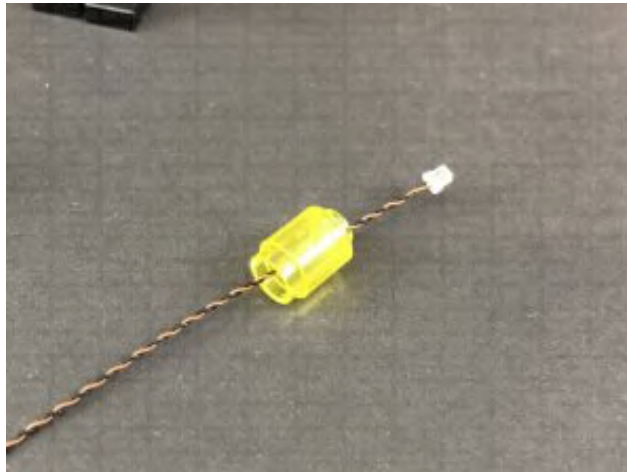
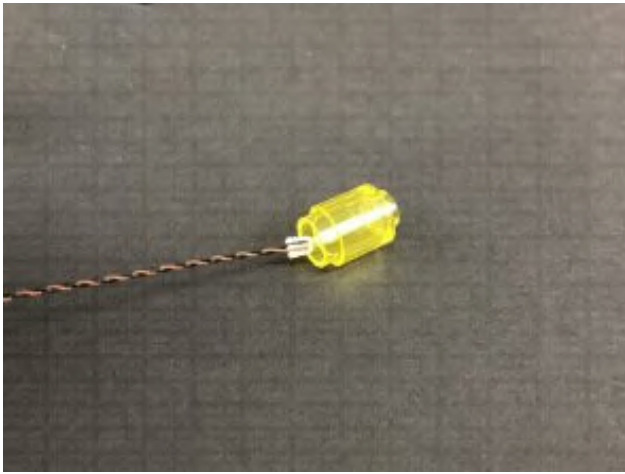




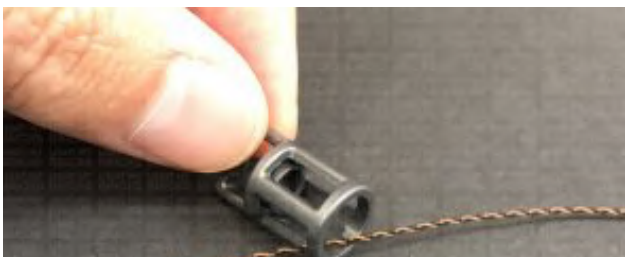
20.) We will now light up the lamp Argus Filch is holding. First, disconnect the lamp and remove the trans yellow round brick from inside.



Take a **White 15cm Bit Light** and thread the connector side through the bottom of the trans yellow round brick (larger hole). Pull the cable all the way out from the other side, then carefully bend the Bit Light so that it is facing directly down before pushing it all the way inside the brick.

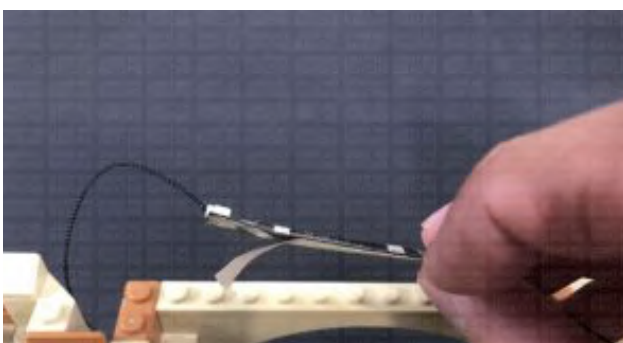
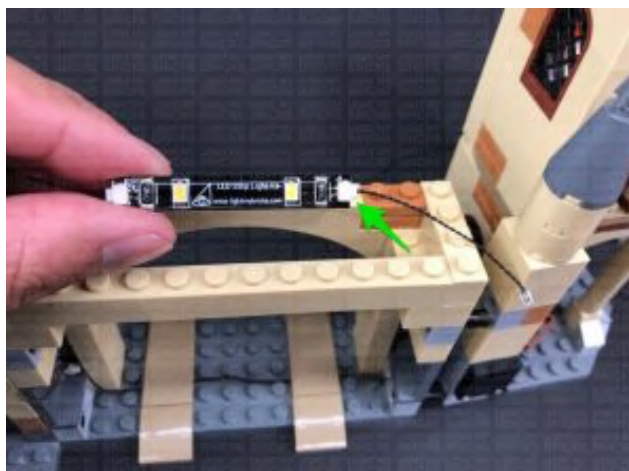


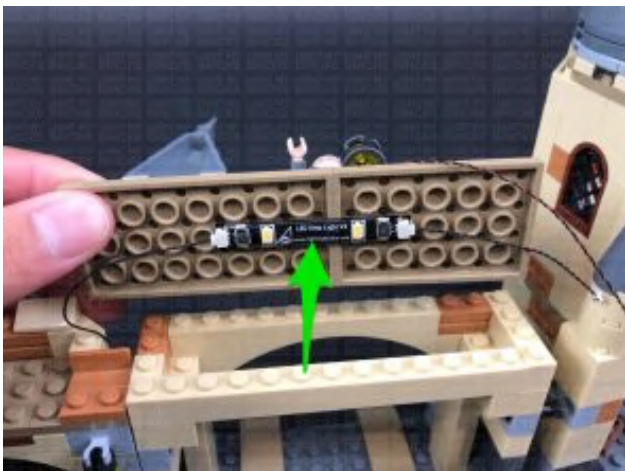
Thread the connector side of the Bit Light through the inside of the lamp, then pull the cable all the way out, then reconnect the trans yellow round brick inside. Reconnect the lamp to Argus ensuring the cable is facing behind.



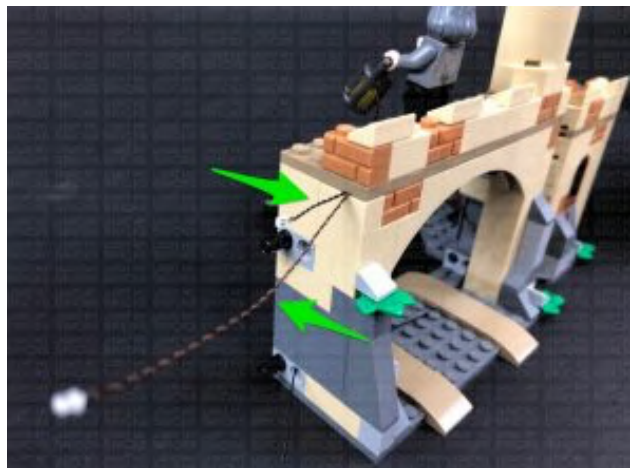
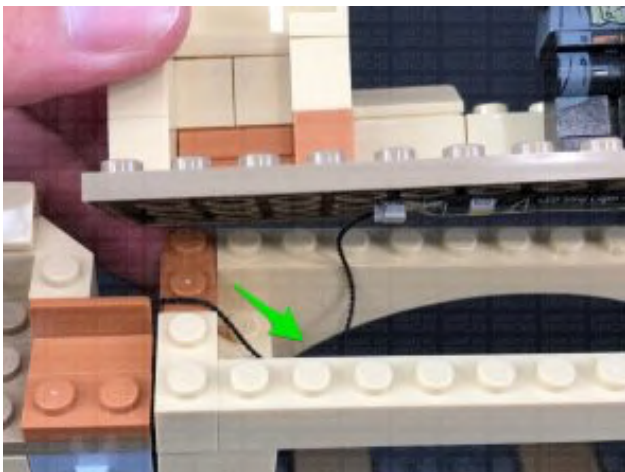


21.) Take the **White Strip Light** and connect the 15cm Connecting cable from previous step to the left port. Connect a **5cm Connecting Cable** to the right port on the strip light. Using it's adhesive backing, stick the strip light underneath the roof of this section in the following position.

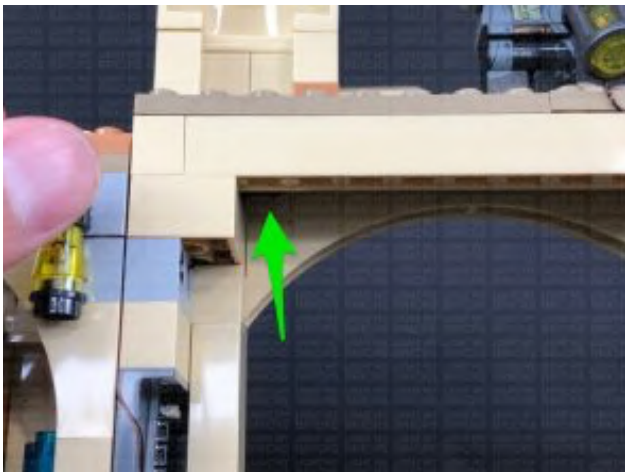




Pull the 15cm Connecting cable from the left side down inside this area and pull the lamp's bit light cable as well as the 5cm cable out the right side before securely reconnecting the roof. Ensure both the cables are accessible from the right side of this section.



22.) Ensure there the 15cm cable isn't visible by pushing it up inside the roof area.



Connect both the 5cm Connecting Cable and the Bit Light cable from the lamp on the right side of this section to a new **6-Port Expansion Board**, then turn the AA Battery Pack ON to test all the lights installed so far are working OK

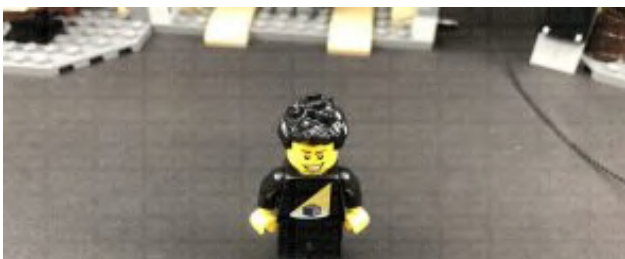




*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

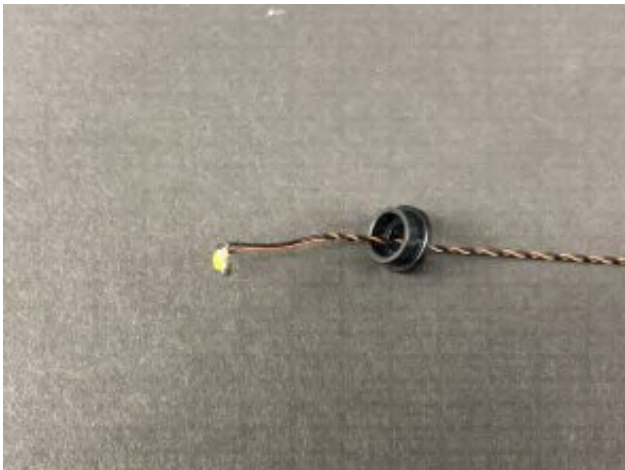
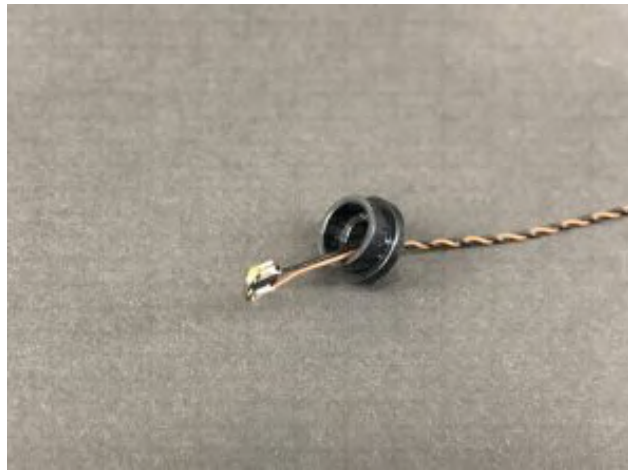
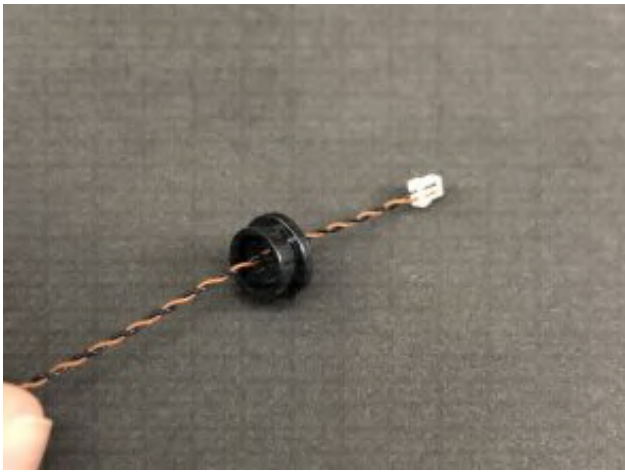
23.) We will now light up the tower section of the castle, starting with the very top floor. First take out the following provided LEGO pieces that we will need to assemble a spot light:

- 1x **Black Tile 1×1 with Clip**
- 1x **Black 1×1 Modified Plate Rounded with Handle**
- 1x **Black Round Plate 1×1 with open stud**



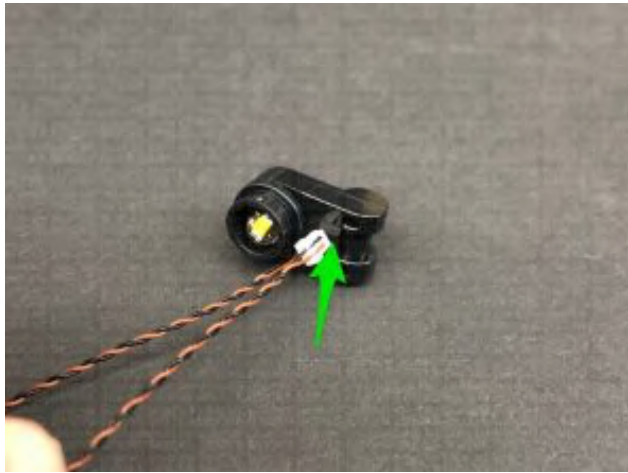


Take a **White 15cm Bit Light** and thread the connector side through the bottom of the Black Round Plate 1×1 with open stud (larger hole). Thread the cable all the way through, then carefully bend the Bit Light on a 90 degree angle so that it sits flat inside the round plate. Connect the top of the round plate to the Black 1×1 Modified Plate Rounded with Handle.

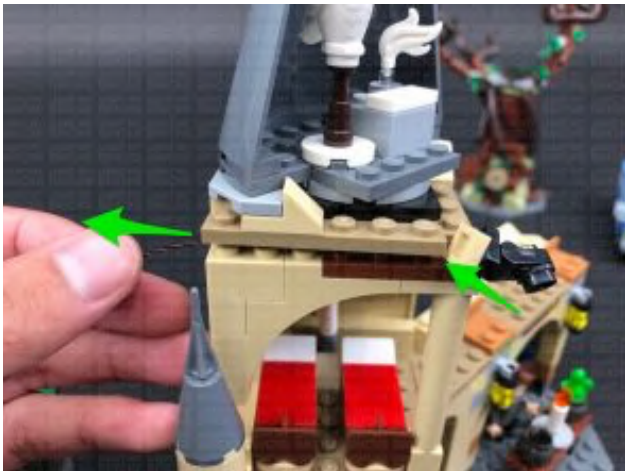




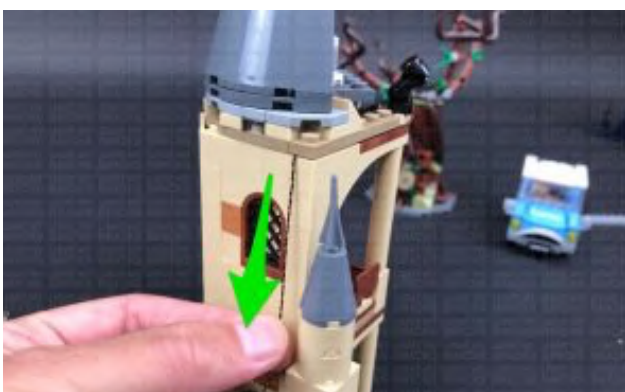
Thread the Bit Light down the space above the handle and pull it all the way out from the other side. Reconnect this section to the Black Tile 1x1 with Clip, then connect this spot light to the top level in the following position facing the owl:

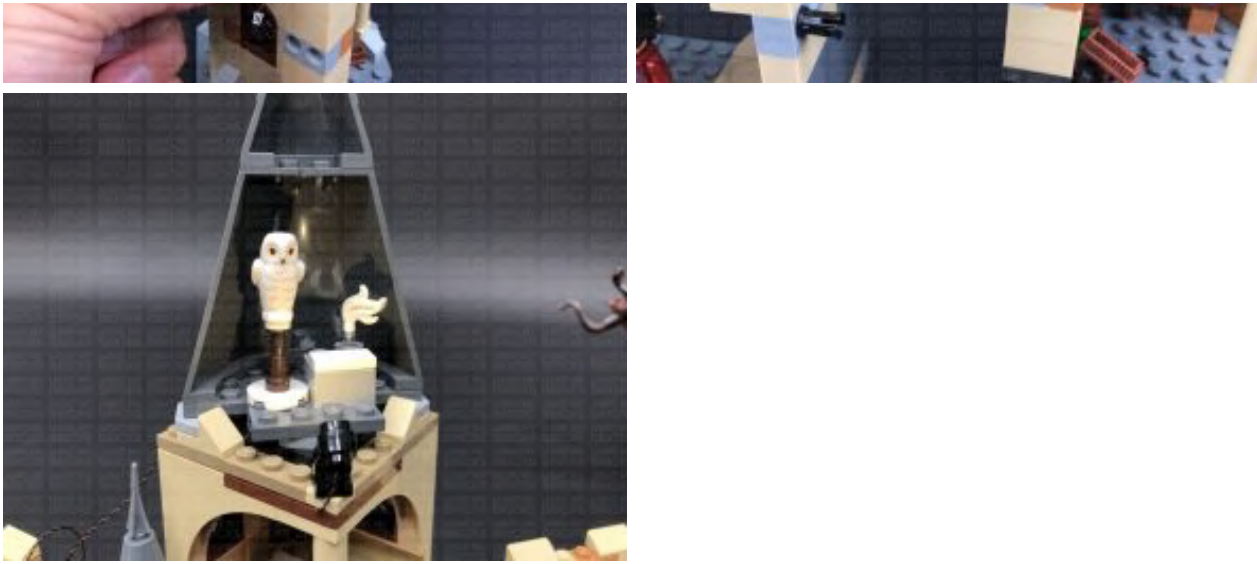


24.) Use your LEGO Removal Tool to disconnect the side of this top section, then slip the bit light cable in between and out the back. Ensure the cable is laid in between studs before reconnecting this section.



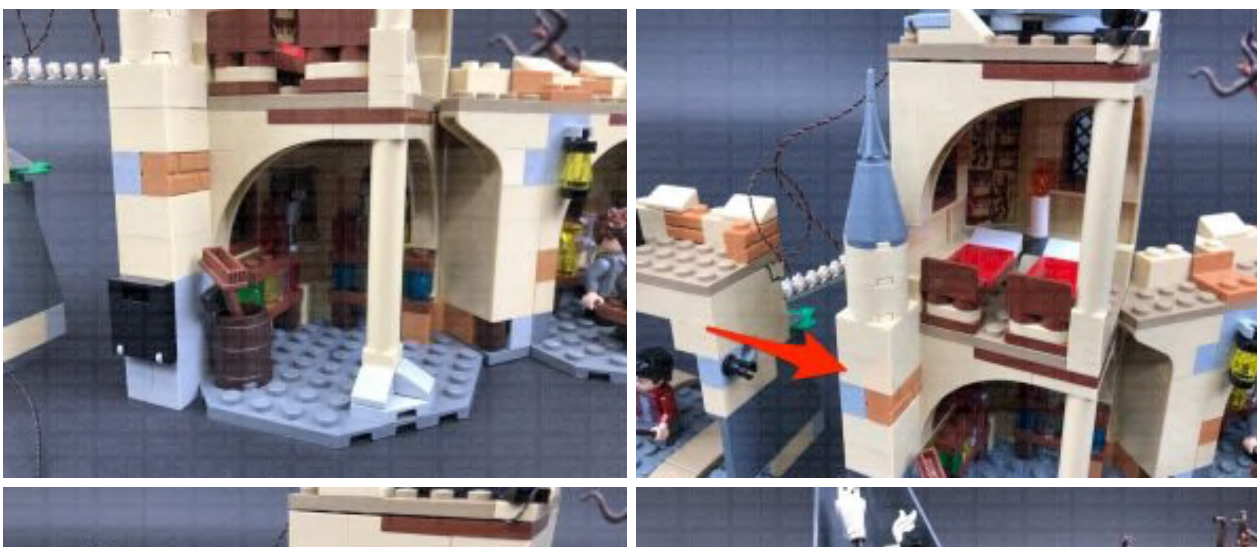
Pull the cable down the left side of the tower and connect it to the 6-Port Expansion Board on the left. Turn the AA Battery Pack ON to test the spot light is working OK.





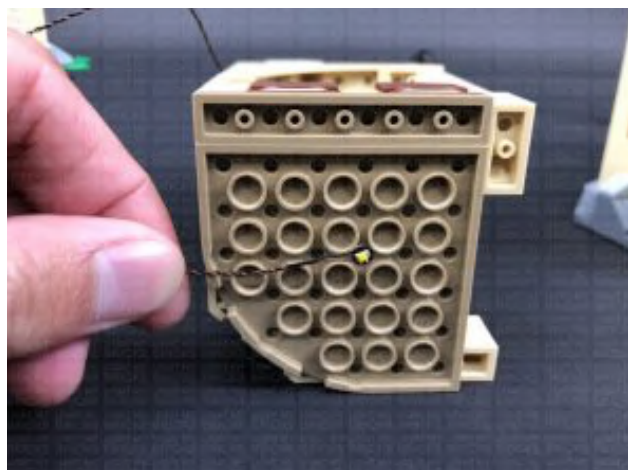
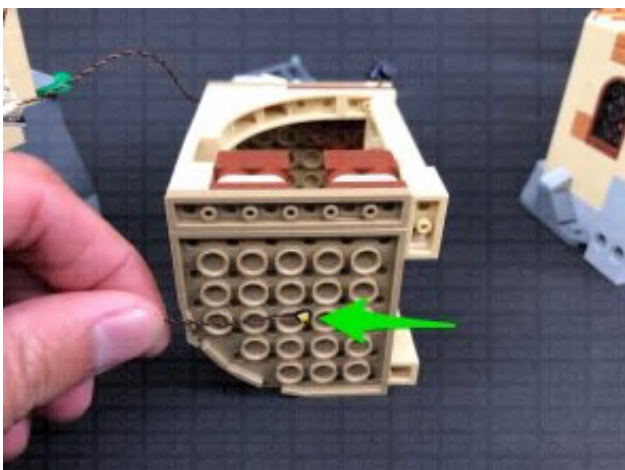
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

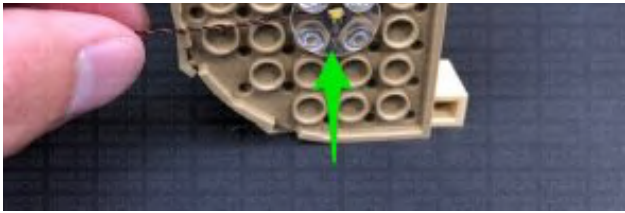
25.) We will now install a light to the ground floor on this section. First, disconnect the mini tower corner section followed by the upper levels as shown below. Place the upper section onto it's right side.



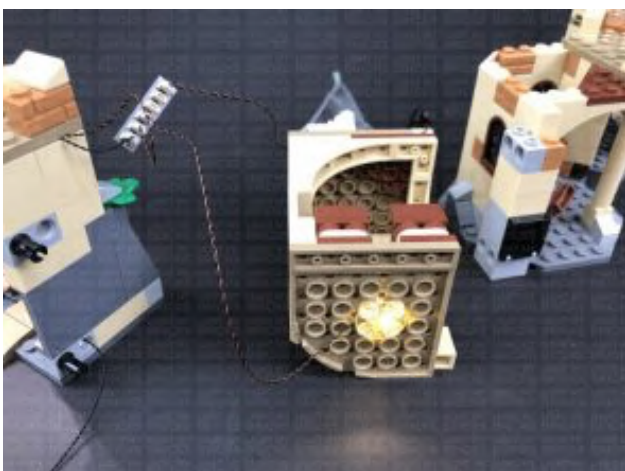
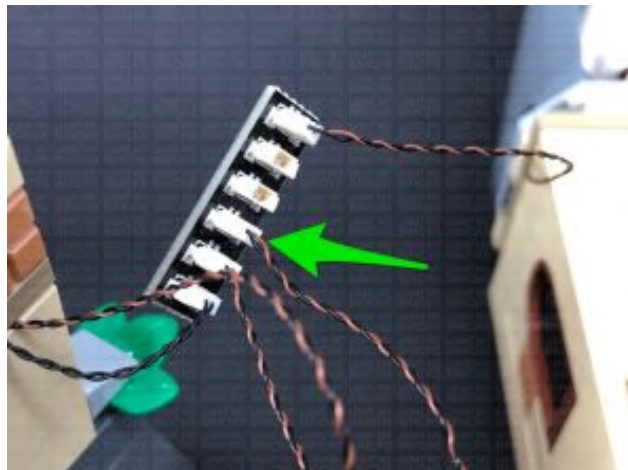
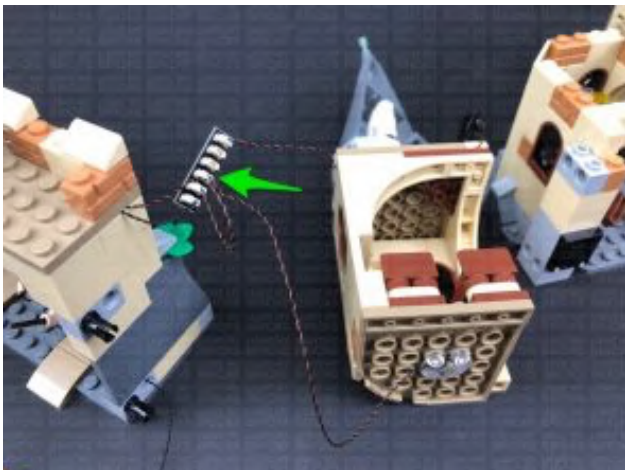


Take a **White 15cm Bit Light** and with the cable facing the left and LED facing up, place it underneath the upper section in the following position: Secure the Bit Light in place by connecting a provided **Trans Clear Plate w Rounded Bottom 2x2** over the top of it as shown below:



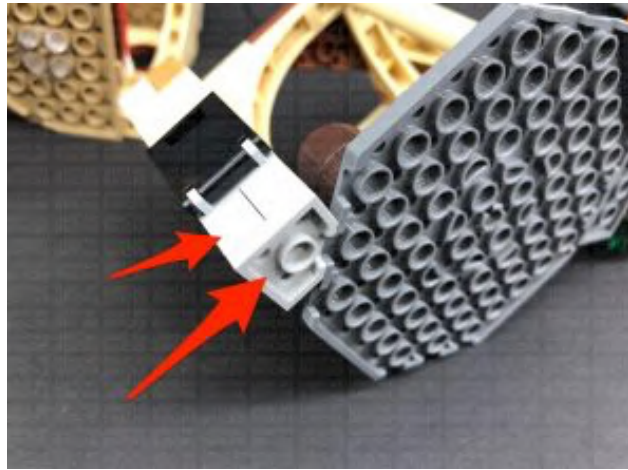


Connect the other end of the Bit Light to the 6-Port Expansion Board on the left, then turn ON the AA Battery Pack to test the light is working OK.

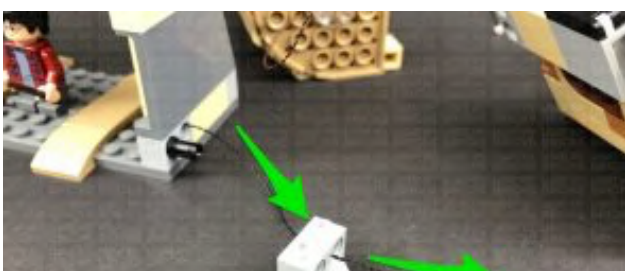


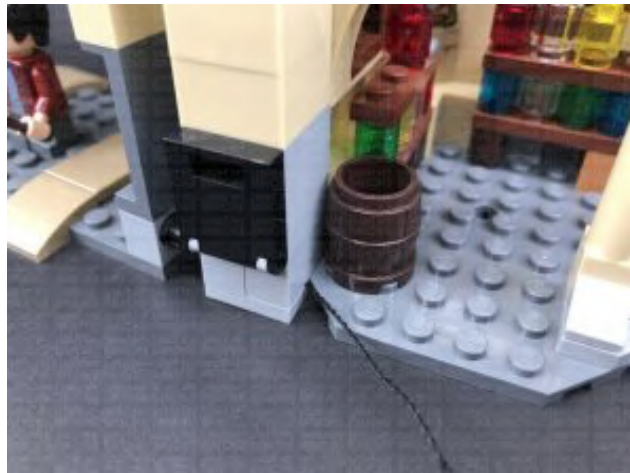
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

26.) Before we reconnect the middle and ground floor of the tower section together, disconnect the following two pieces from the bottom left of the ground floor.

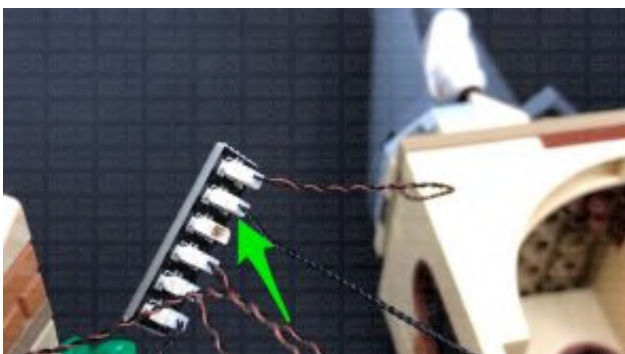


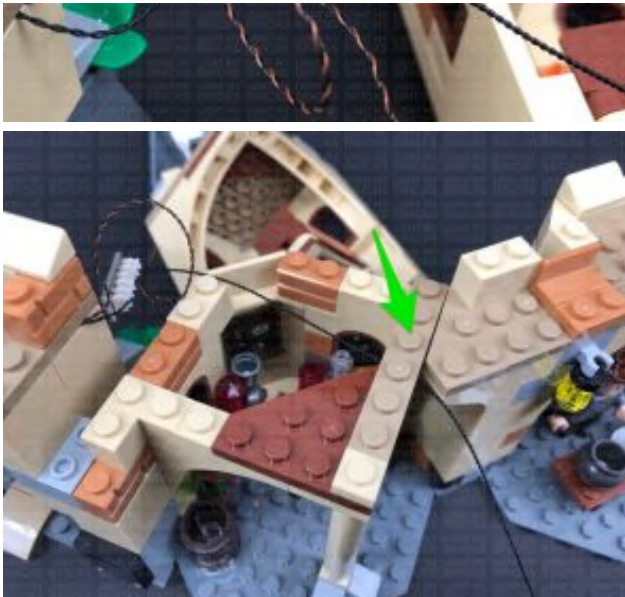
Take the 50cm Connecting cable from the bottom of the middle section and thread it through the back hole on the light grey brick. Bring the technic brick closer to the technic pin on the left, then reconnect the ground floor over the light grey brick. Reconnect the middle and ground floor section back together by reconnecting them via the black technic pin.





27.) Take a **15cm Connecting Cable** and connect it to a spare port on the 6-Port Expansion Board above. Bring the cable across the right over the ground floor and secure it down underneath the following dark tan 1x6 plate ensuring the cable is laid in between studs.



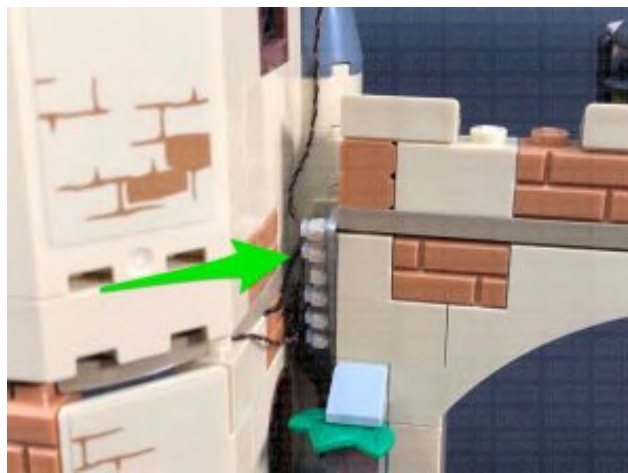


Reconnect the upper section as well as the corner section we removed earlier. Turn the AA Battery Pack ON again to ensure all lights are working OK.



Turn the set around to the front side. Neaten up the cabling from the bit lights

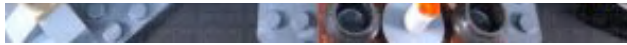
in the middle by twisting and folding them around each other a few times to form a neat bunch. Tuck the expansion board inside the following gap ensuring the bunched up cables are tucked in behind it.



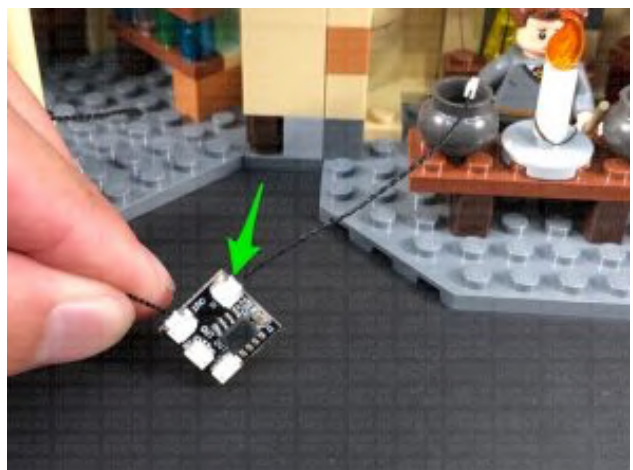
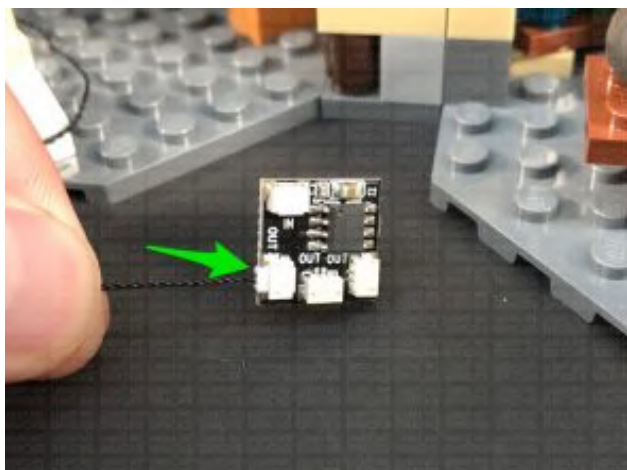
28.) Disconnect the following sections above the potion classroom, then bring the 15cm Connecting Cable from previous step across to the right, laying it in

between studs. Connect the 15cm Connecting Cable to the remaining **6-Port Expansion Board**

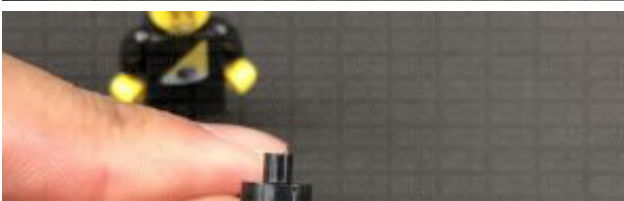
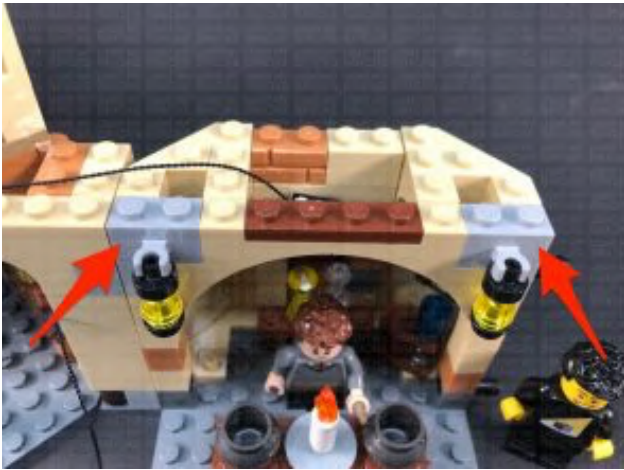


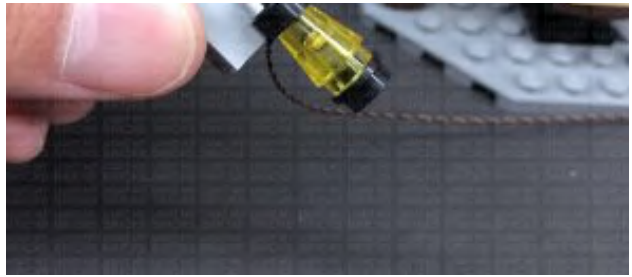
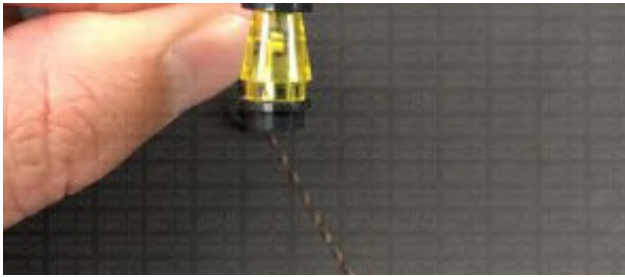


Disconnect the barrel and shelves from the ground floor and bring the 50cm Connecting Cable across to the right side. Secure the cables by reconnecting the barrel and shelves over the top, then connect the 50cm Connecting Cable to one of the **OUT** ports on the **Flicker Effects Board**. Take a **5cm Connecting Cable** and connect it to the **IN** Port.



29.) Disconnect the two wall lamp sections at the grey brick with clips and disassemble them as per below. Follow the same method used in step 14 to install another **2x White 15cm Bit Lights** to the lamps, then set both of them aside for now.



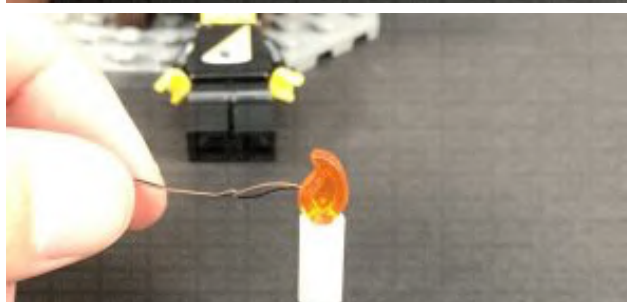
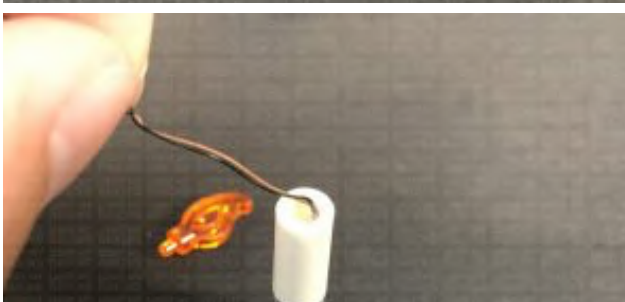
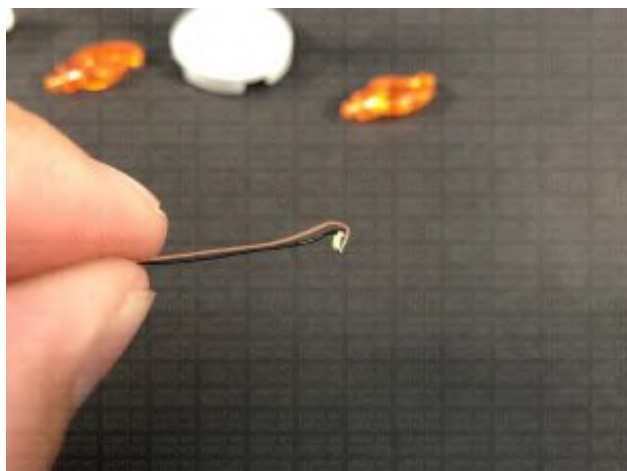
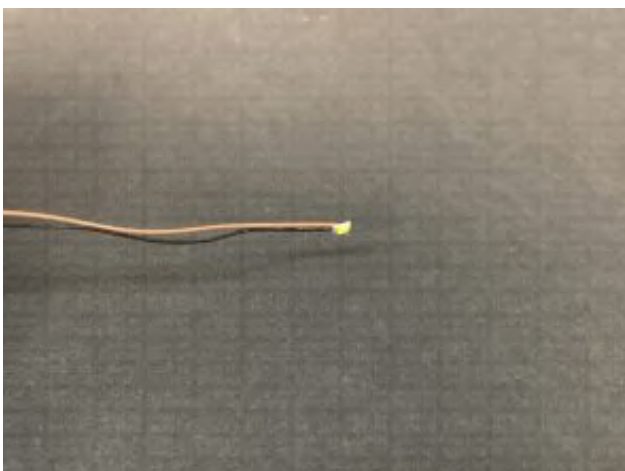
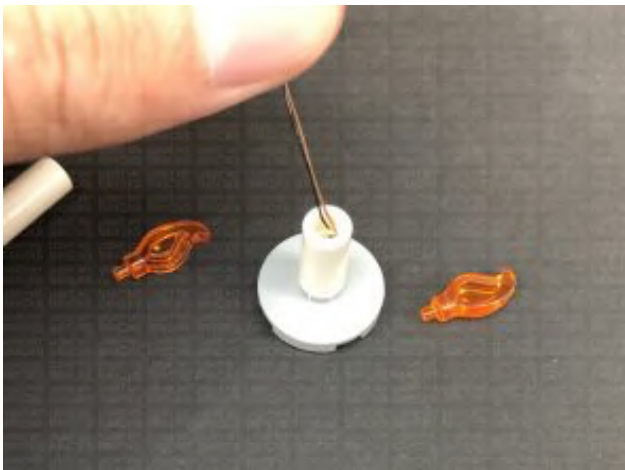
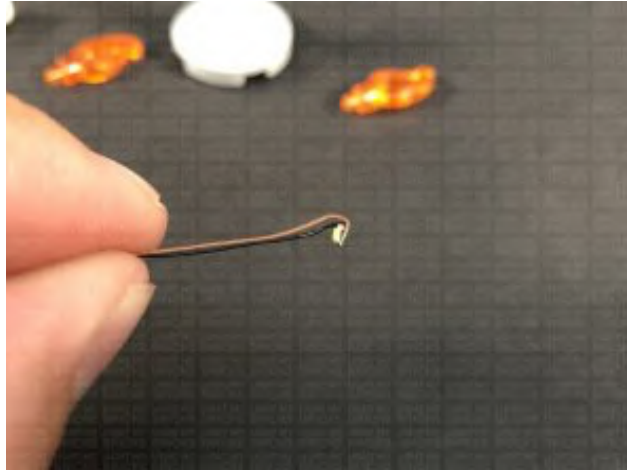
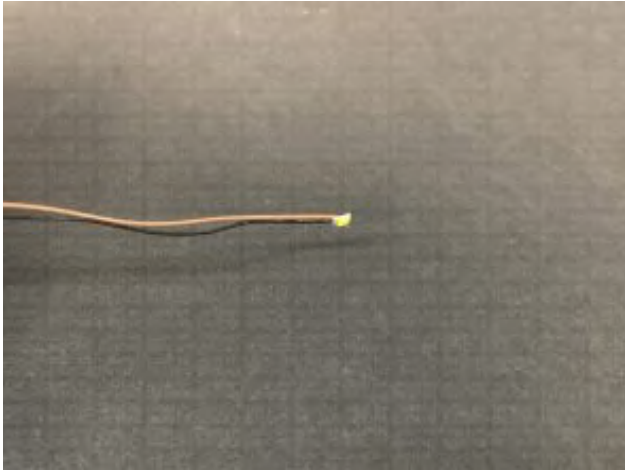


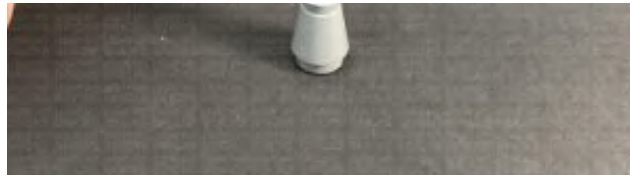


30.) We will now install micro bit lights to the candle in the bedroom and in the potion classroom. First disconnect the two candles and remove the flame pieces from each of them as per below:



Following the same method used to install the candle light in the professor's office in step 11, Install a **White 15cm Micro Bit Light** to each candle.

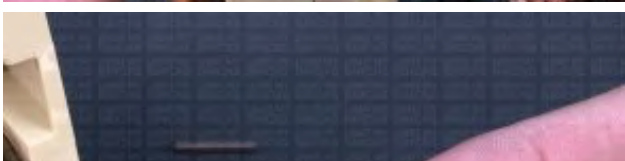
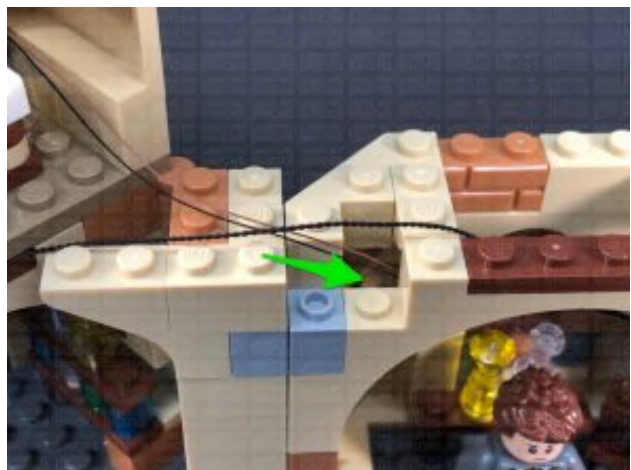


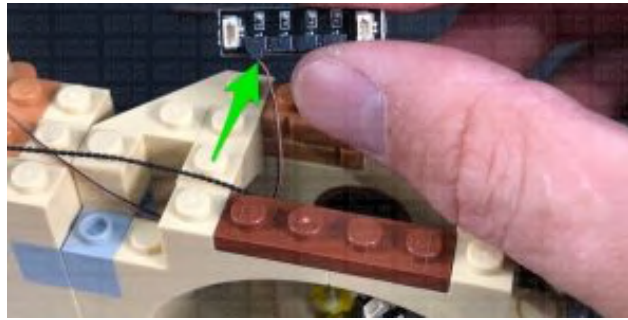
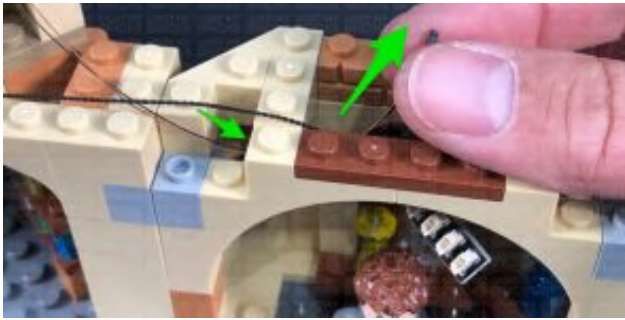


Reconnect the candle to the bedroom and the other, to the classroom ensuring the cables are facing behind.

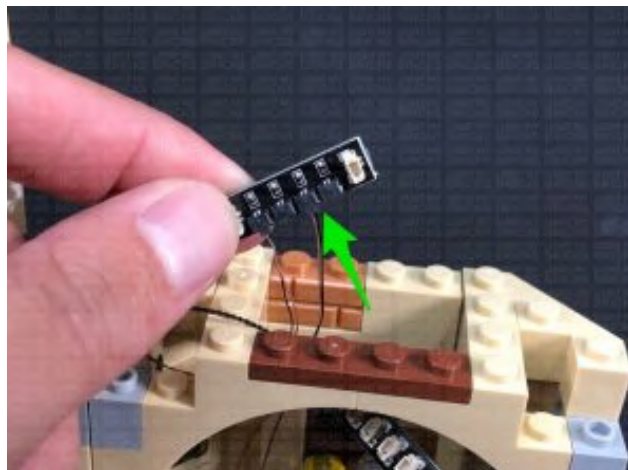


31.) Take the bedroom candle light cable and thread it down the following space, then pull it up from the middle space. Connect the micro bit light to a new **Micro 4-Port Expansion Board**.



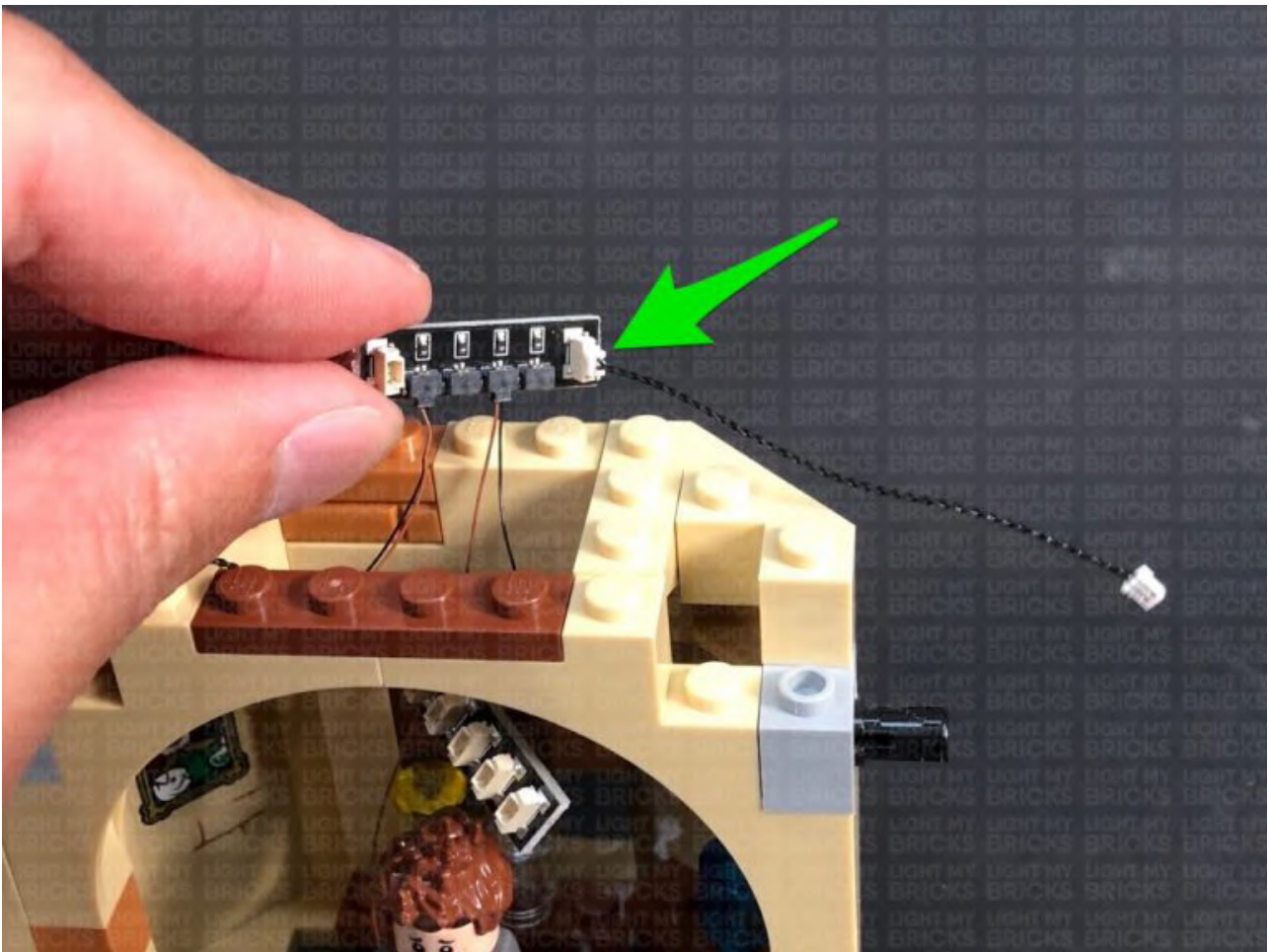


Take the candle light cable from the classroom and thread it up above to connect to the Micro 4-Port Expansion Board. Secure the cable underneath Seamus's chair by disconnecting the chair, laying the cable in between studs and reconnecting the chair over it.

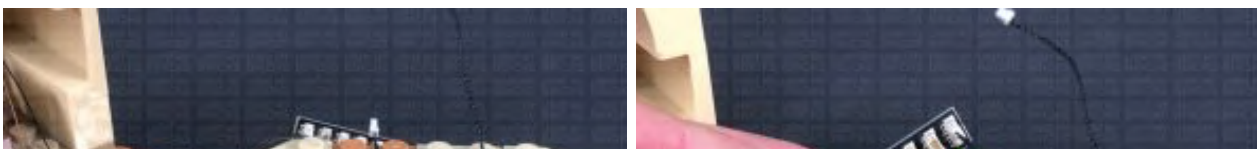




32.) Take a **5cm Connecting Cable** and connect it to the Micro Expansion Board's larger port.

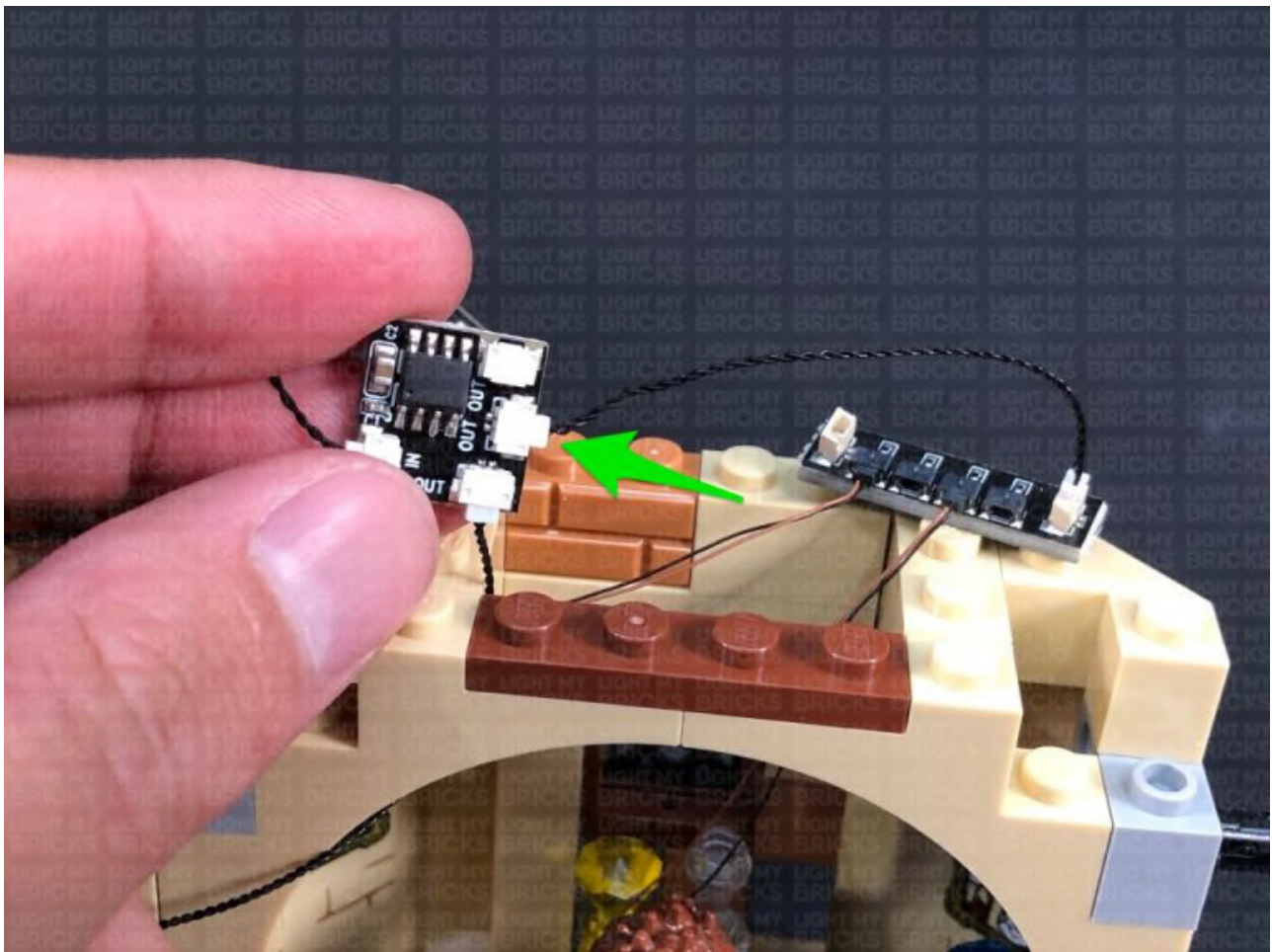


Take the 5cm Connecting Cable from the IN port on the Flicker Effects Board and thread it up the middle space in the classroom to connect the 6-Port Expansion Board.





Take the other end of the 5cm Connecting Cable from the Micro 4-Port Expansion Board and connect it to another **OUT** port on the Flicker Effects Board

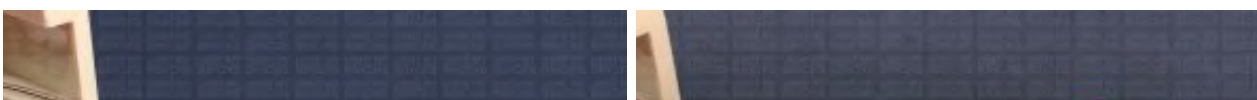


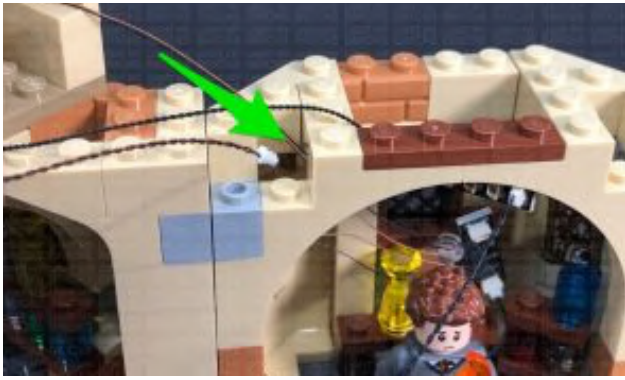
Turn ON the AA Battery Pack to test that all three candles (office, bedroom, and classroom) are all working OK. The candle lights should be flickering like real candle flames.



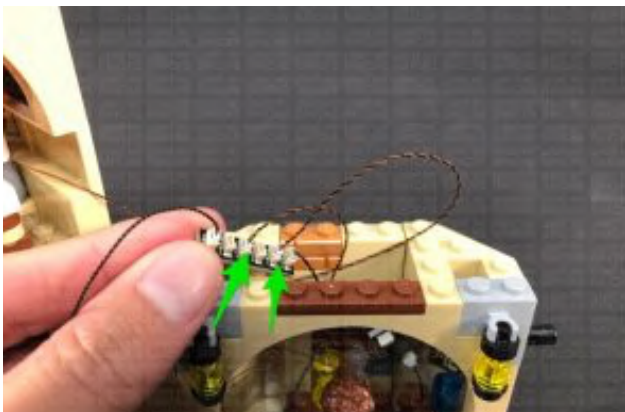
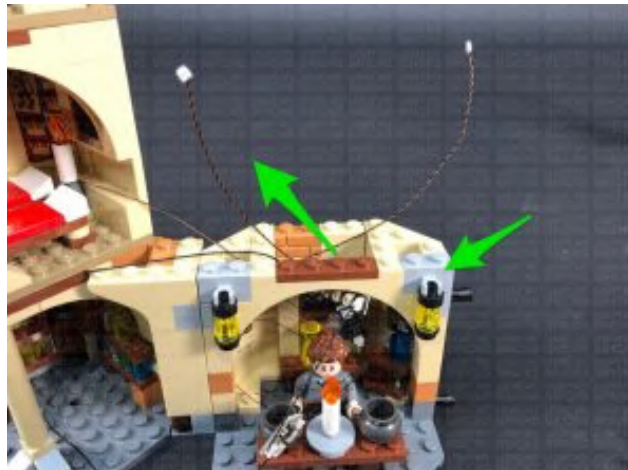
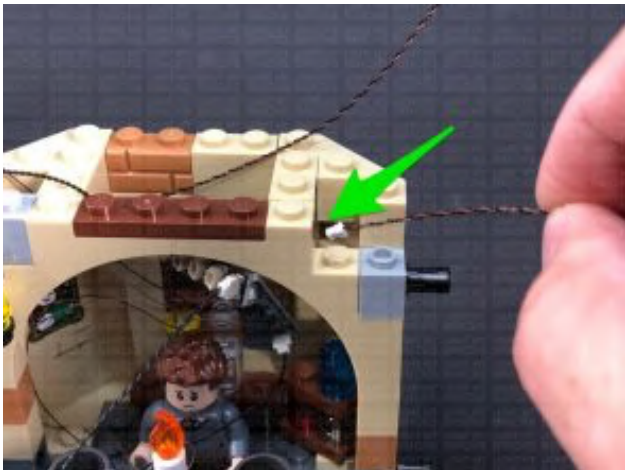
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

33.) Take one of the wall lamp sections from step 29, and thread it's bit light cable down through the top left space, then pull it all the way up from the middle section. Reconnect the wall lamp ensuring the bit light cable is laid in between studs underneath.





Repeat this step to reconnect the wall lamp to the right side except this time, thread the cable down through the top right space.



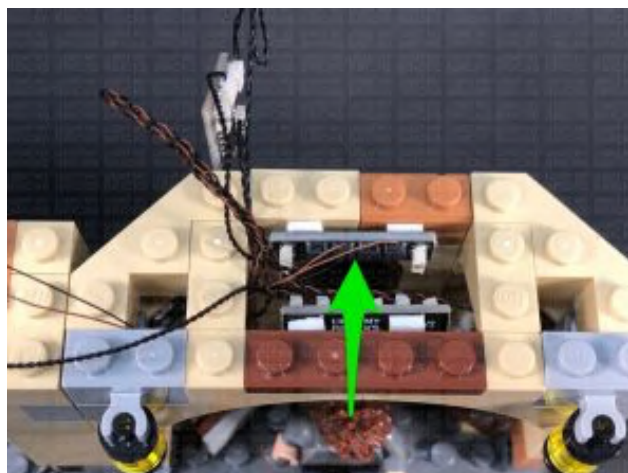
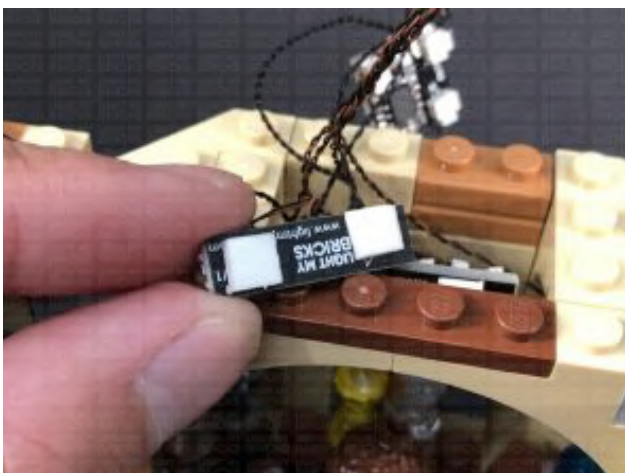
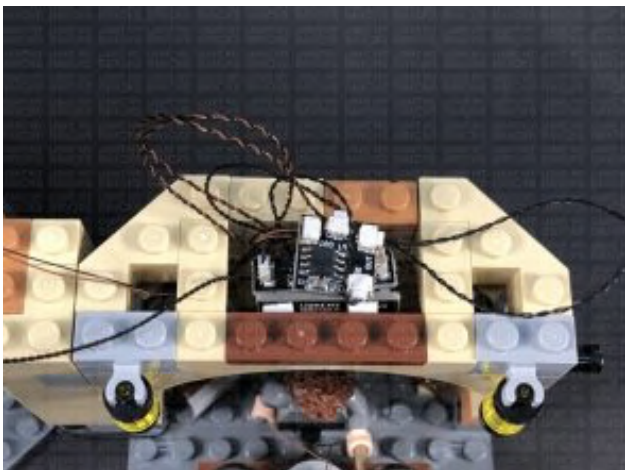


34.) Hide the 50cm connecting cable and micro bit light cable behind the potion shelf on the left.





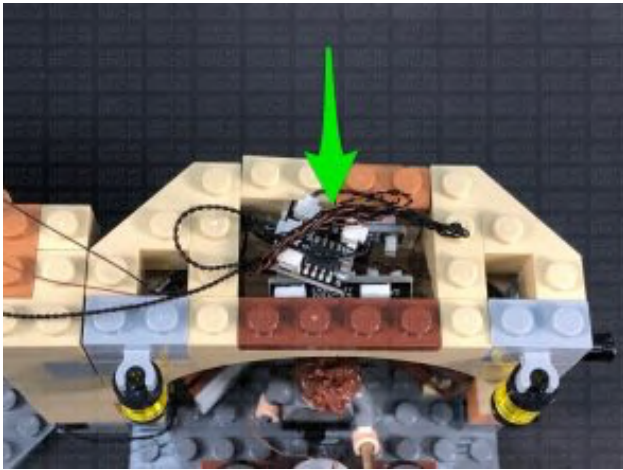
Neaten up all the cabling on top of the potion classroom by twisting and folding them around each other into 2 neat bunches. One for the bit lights cables and the other for the connecting cables. Take the Micro 4-Port Expansion Board and stick it to the top of the back wall using **2x Adhesive Squares**.



Place the flicker effects board flat down on top of the expansion boards, then

place the bunched up cables over the top. Lay any excess cable to the left and right in between studs. Reconnect all the pieces and sections we removed earlier over the top of the components.

Note – that some of the components may still be visible if you look from underneath.





Turn the AA Battery Pack ON to test all 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**.*

This finally completes installation of the Light My Bricks LEGO Hogwarts Whomping Willow Lighting Kit.

If you experience any issues during this installation, please refer to our online troubleshooting guide. If you have any other issues or questions please email the customer service team: info@lightmybricks.com

We thank you for purchasing this product and hope you enjoy!

