Get started with your building kit

Arckit GO Eco

ARCKIT®

Hello,

Welcome to your new GO Eco kit!

I hope that it sparks many moments of imaginative play and wonderment whether you're building alone, together with family and friends or in your classroom.

As an architect, I had an idea to create an easier and more affordable way of building scaled architectural models other than by cutting and gluing materials together for one time usage. The result is Arckit, a collection of reconfigurable, interconnecting components inspired by real modular building methods that let you continuously explore and visualise your architectural ideas with speed and precision.

At the very heart of Arckit is an entirely 'open-ended' tool kit of parts for all ages and which encourages learning while having fun. Each component has multiple uses and every kit has a myriad of design possibilities for you to reveal, allowing you to freely express your designs without limitations or restrictions of instructions. I liken Arckit to any instrument, the more you engage with it, the more proficient you become and the more amazing undiscovered creations you will start to bring to life.

Happy Building!

Damien
Founder CEO

Designing Eco-house

One way architects are creating eco-friendly homes is by building passive houses. Passive houses are eco-homes that do not require any active heating or cooling systems. Passive houses are built from an airtight well-insulated shell so that they stay at a comfortable temperature all year round.

Wall, roof and floor insulation are fundamental elements to any building. The sole purpose of insulating your home is to slow the transfer of heat from inside your home to outside. In turn, this saves on energy and heating bills.

Solar panels allow home owners to make their own energy using the sun which cuts electricity costs, reduces greenhouse gas and CO_2 emissions while decreasing the strain on resources like coal and natural gas that our planet is running out of.

Wind turbines help the environment because they cut the use of fossil fuels for energy and instead, use wind, which is a renewable energy source. A renewable energy source means it is naturally made and can continue to be replaced.

One way buildings can help the environment is to build vertical gardens and living roofs. They save space, are easy to maintain, reduce noise pollution, increase air flow, boost productivity in work spaces and help prevent pest problems. Roof top gardens are also a great place to grow your own organic herbs and vegetables.

Riding a bike to and from places reduces your carbon footprint and gives the environment a much needed break from vehicle emissions.

You can add a water harvesting station to your property to collect rainwater to be reused. Water harvesting stations conserve water, reduce pollutants being released into other bodies of water and save on water bill rates!

An electric 'Power Battery Station' is a home battery that stores free solar energy so you can use it on demand and self-power your home or vehicle to reduce your reliance on grid electricity while also reducing your electricity bills.

Using a heat pump to heat a building helps the environment because heat pumps use natural energy by extracting heat from the air or the ground instead of gas, oil, or electricity.

Let's build!

GO Eco - Sample Building #1

Now that you are acquainted with sustainable design and renewable energy products, it's time to explore and build your first eco house with Arckit GO Eco kit.

Remember, the following sample building instructions are simply to familiarise you with Arckit's continually reconfigurable platform before setting you on your way to your own amazing environmentally friendly creations. Go online for a further 3+ GO Eco building design ideas.

Use the QR code to access exciting 3D construction videos and more building ideas with instructions!

Architectural Components Set:

Window & Door Panels

x2
33010301

x2
34010302

x2
35010303

Wall Panels

x14
30010202

x22
30020204

x4
38020206

Floor & Roof
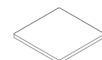
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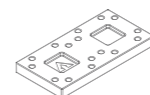
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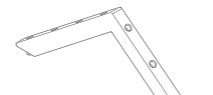
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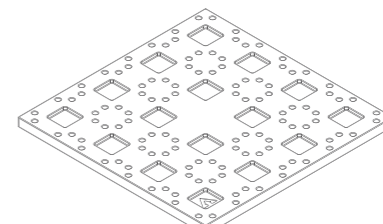
x5
12010404

Stairs & Connectors

x20
46010801

x2
45011001

Part A

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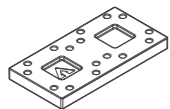
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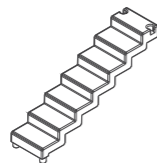
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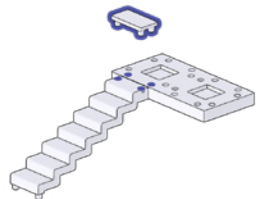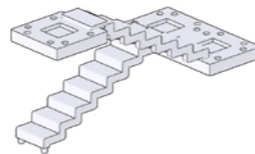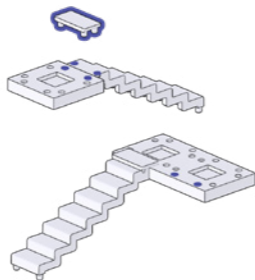
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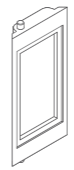
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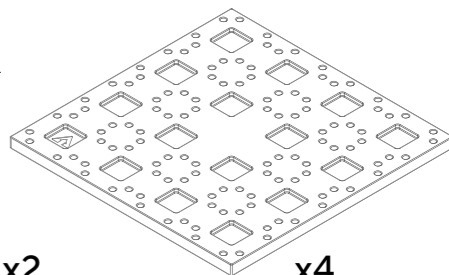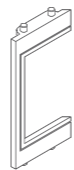
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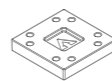
x2
11010101

x2
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x4
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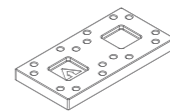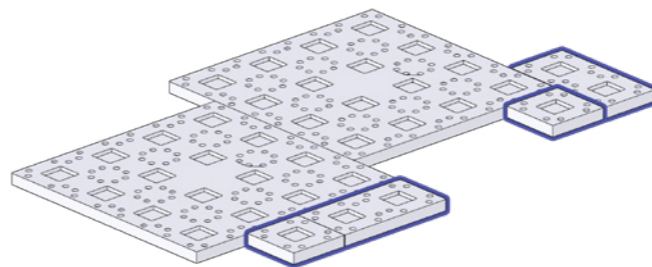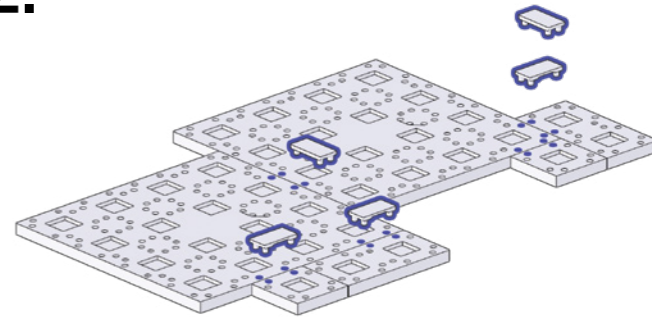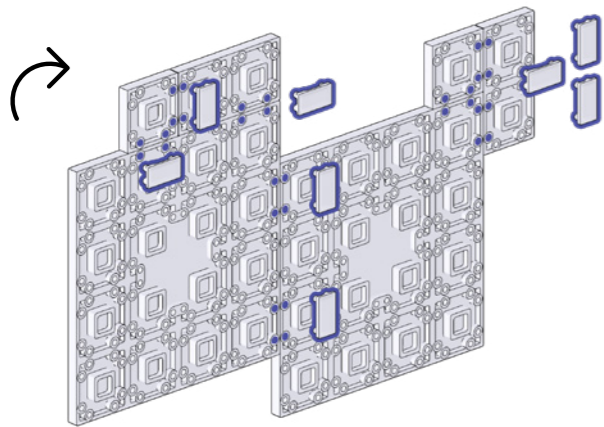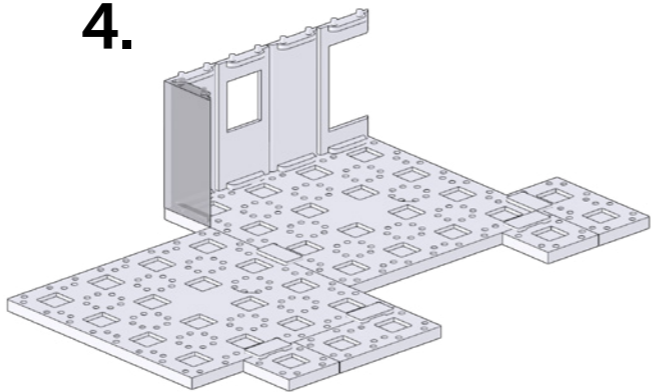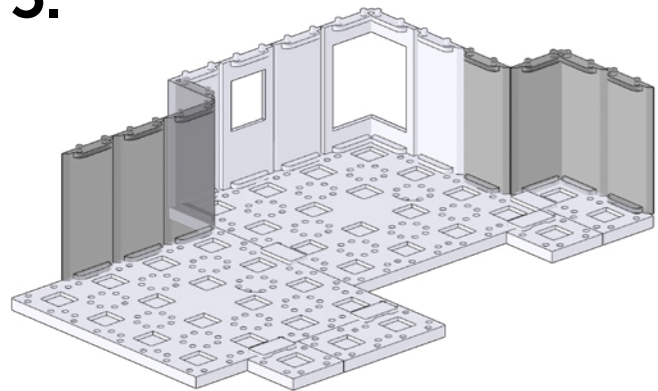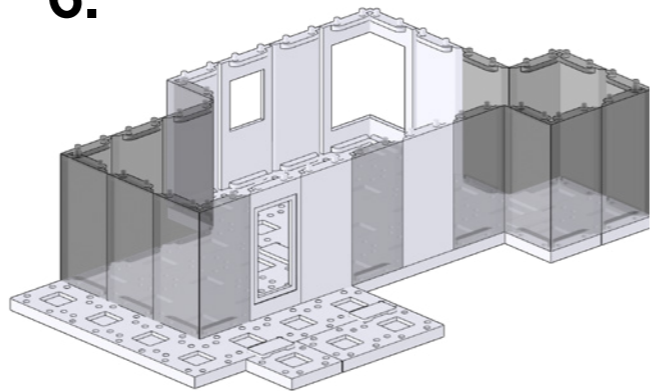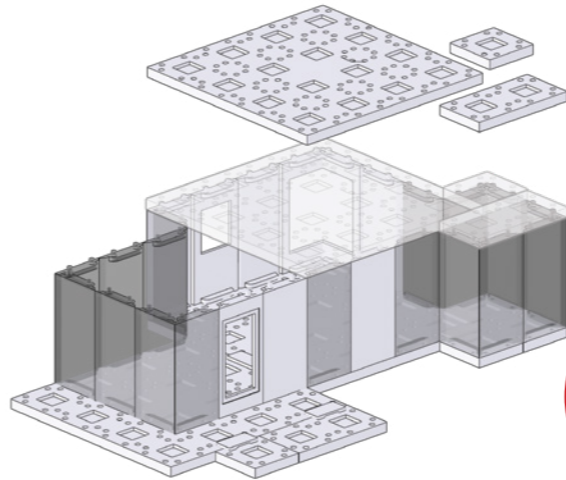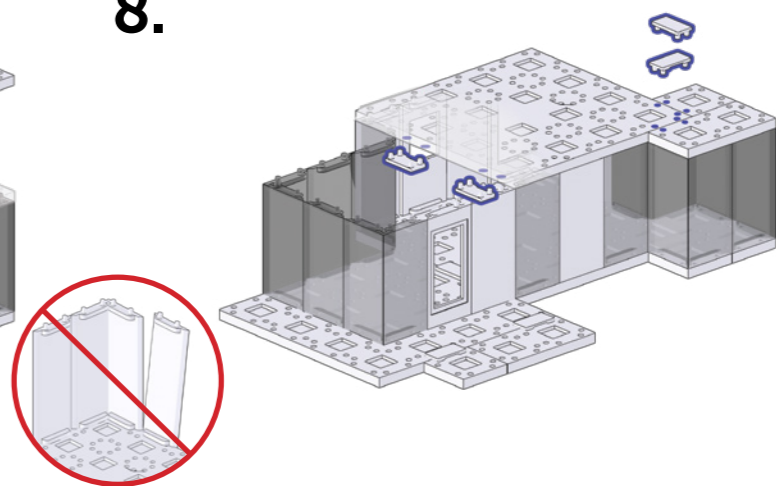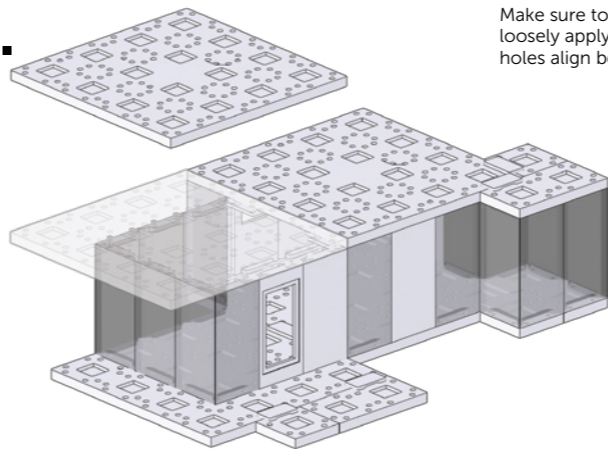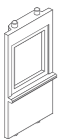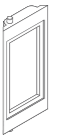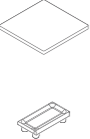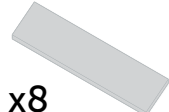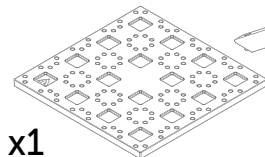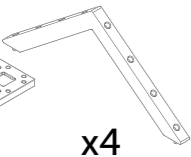
Make sure to straighten walls and then loosely apply modules on top so pegs and holes align before squeezing together.

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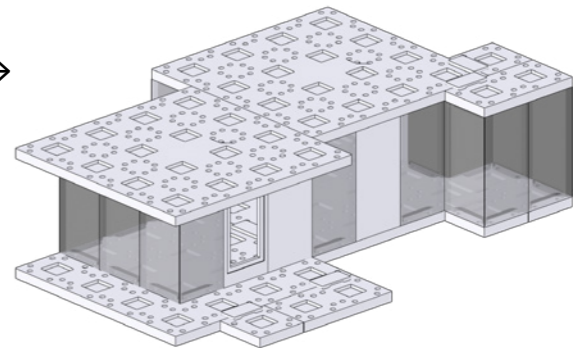
Part C

x9
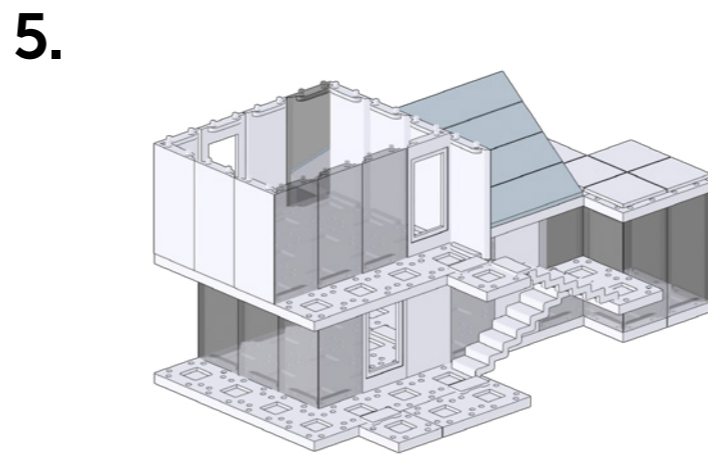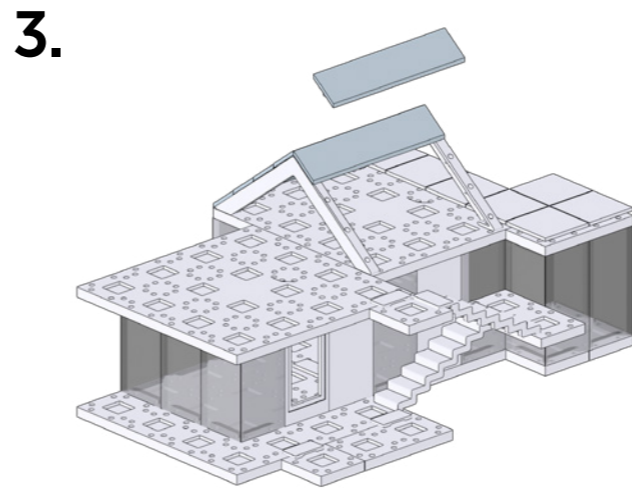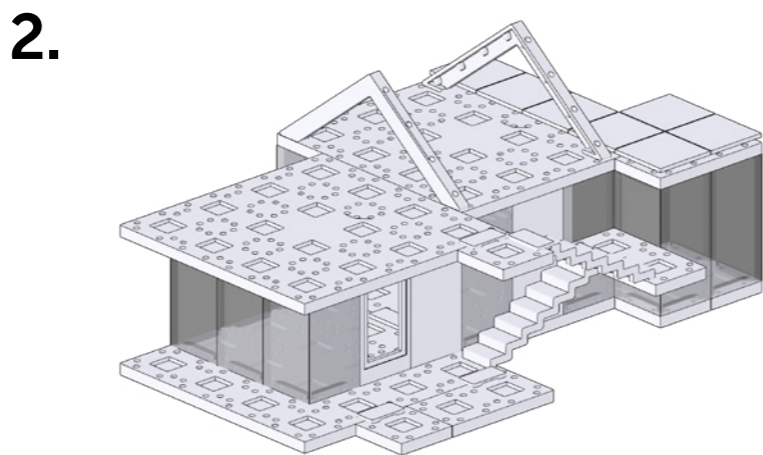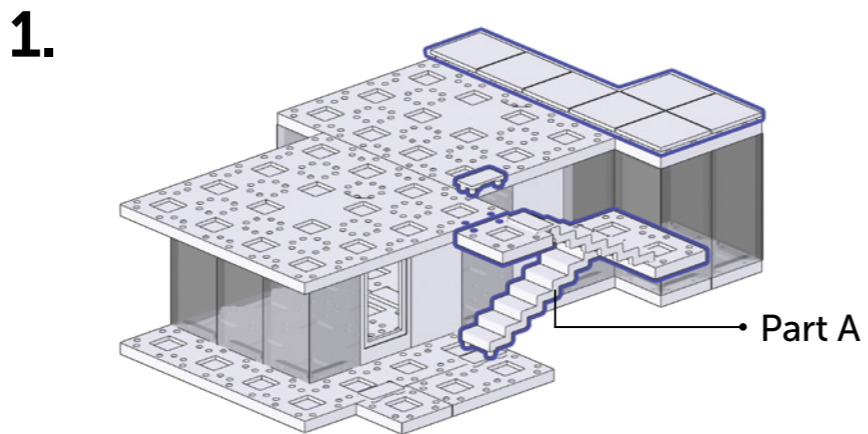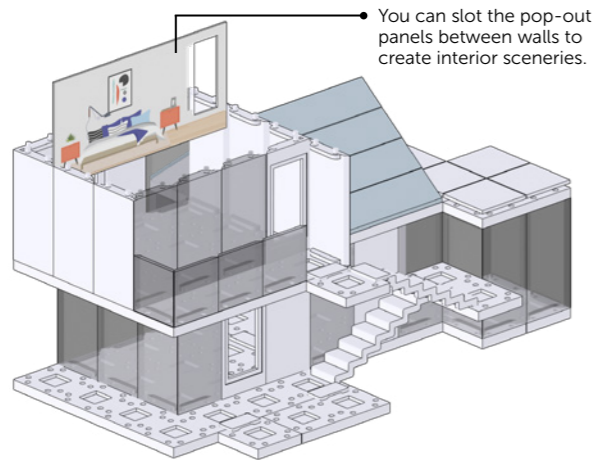30010202

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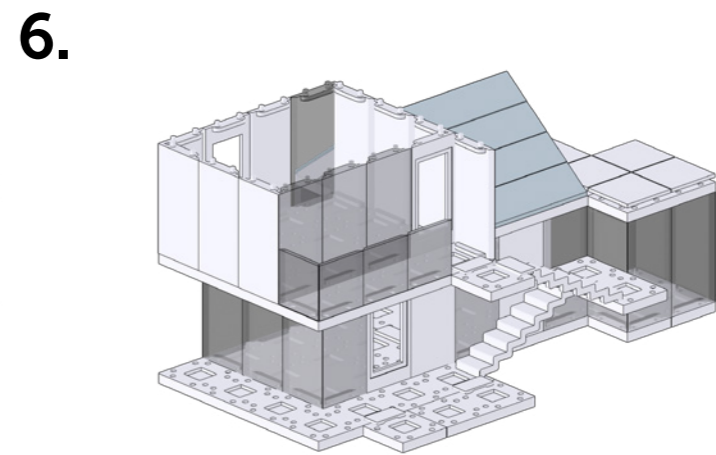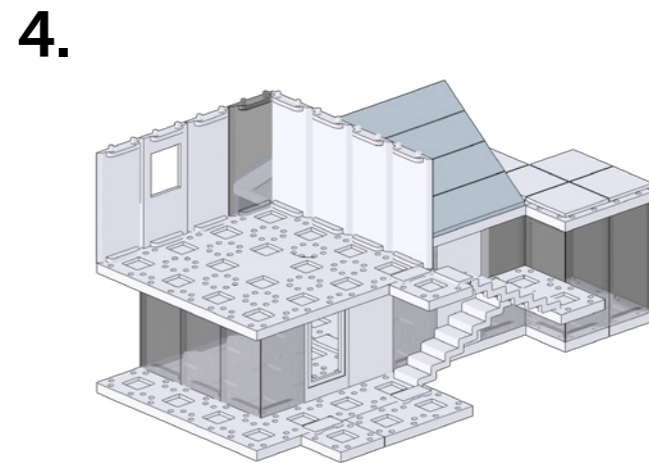
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Part A

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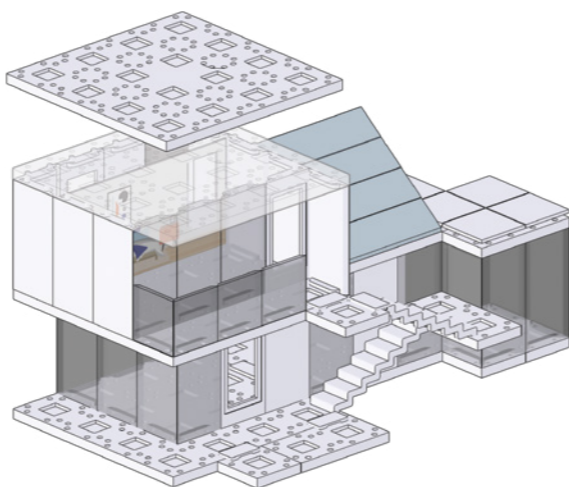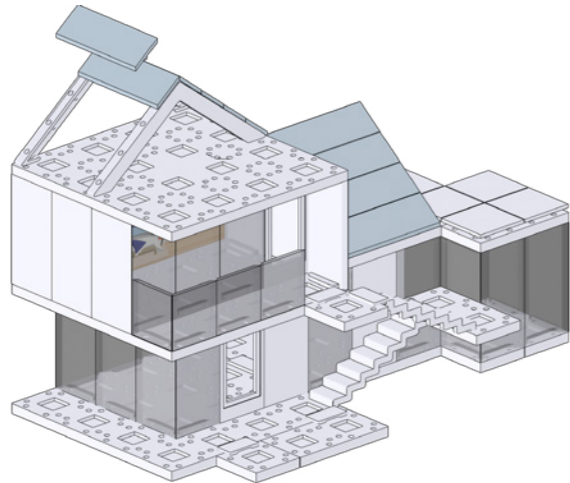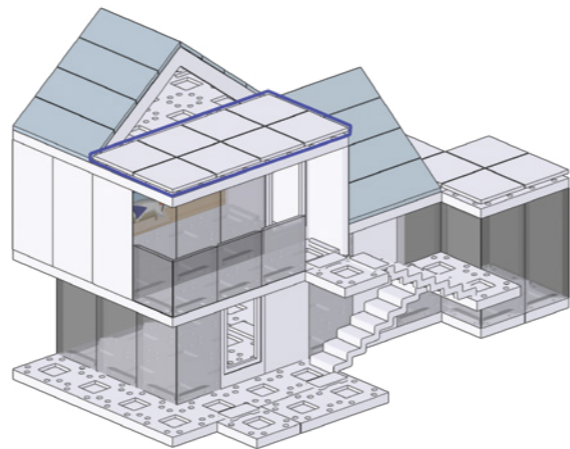
Bring it to life

CONGRATULATIONS! You finished your first sample building. Now you can use your GO Eco Accessories Set to create unique scenes.
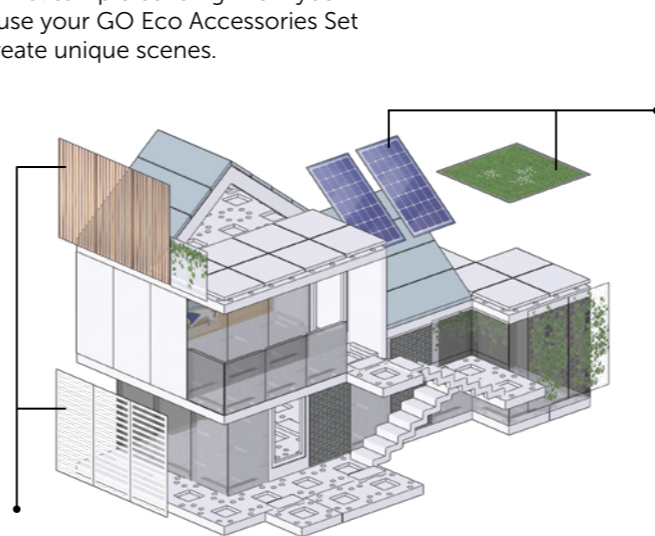
Place double-sided stickers provided, underneath pop-out elements and attach them to your model.

9.

10.

All the Arckitexture decals here are reusable and can be easily placed on solid and clear wall panels. Feel free to apply them anywhere on your model.
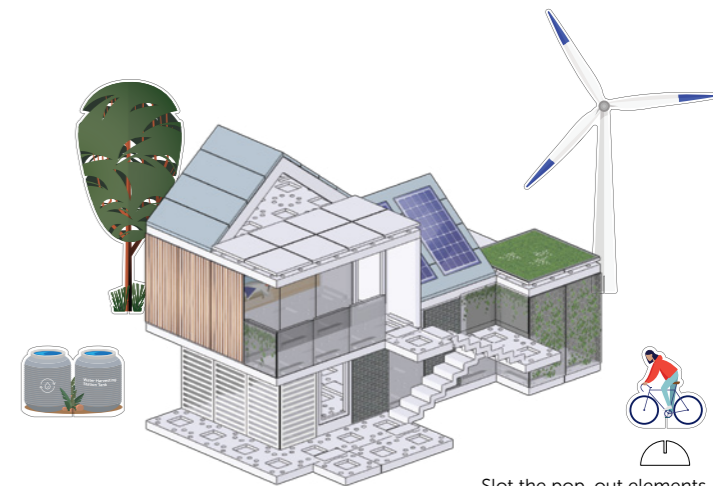
Slot the pop-out elements together to stand upright.

Share your creations

We love to see what our community is building, so why not share your creations with the world and let's inspire one another!

Be part of our Community Builds Gallery by tagging @arckitmodel and adding #arckit to your posts. You can also reach us at info@arckit.com

#arckit

f ⊙ 𝕏 ▶ /arckitmodel

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Now, what will you build next?

Keep building with your set and if you need some inspiration for your next creation, use the QR code to access exciting 3D construction videos and a further 3+ building ideas with instructions available online:

www.arckit.com

Explore more Arckit sets

Explore more amazing design possibilities with Arckit's educational and advanced series of building kits. Remember, all Arckit sets are totally 'open-ended' and compatible with one another.

100% compatible

Available at www.arckit.com:

Arckit Coastal Living
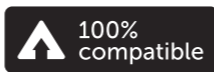Explore coastal house designs

Arckit 100sqm.
Explore modern house designs

Arckit 200sqm.
Explore contemporary house designs

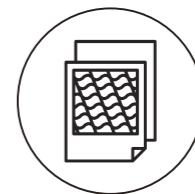# Access Arckit Universe
Via www.arckit.com

Arckit 3D Shop

Add unique 3D printed components to your builds from our online 3D Store.

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Access to Arckit Lesson Plans and Workshops. Ideal for schools and homeschooling.

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Create alternative scenes with Accessories Sets and free printable Arckitexture Library.

Arckit Digital

Build a whole new world online using Arckit through SketchUp platform.

www.arckit.com

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