
Strawbees®
GET STARTED!

OH HEY!

Welocme to the world of Strawbees. When building with strawbees, let your imagination go wild, love challenges, and most importantly have fun!

Instruction manuals are great as they can be there to hold your hand when you are learning how to build things and how to use your new Strawbees. However, we encourage you to be explorers and play around a little before you continue with this booklet. Maybe you can invent a new way of using the Strawbees?

If somebody asks you to build a crocodile, build **your** crocodile. Think about what makes **your** crocodile unique? Does it have a curly tail or a blue tooth or perhaps an extra leg? Where is he from? The instructions in this booklet are just suggestions and are meant to help you get started but never be afraid to think differently or let your imagination take you somewhere else!

Things won't always go the way you plan them but it's important to remember that there's no right or wrong. Be curious explorers and try to solve the challenges that come your way. Even if you're done, you can always find ways to remix your creation by making it bigger, smaller, taller, wider, stronger, cuter and so on! Also remember that when building with strawbees, nothing is destroyed or broken, it is only modified.

Strawbees lets you build anything you can dream of.
Make, play & invent..

DREAM BIG, BUILD BIGGER!

FIRST TRICKS

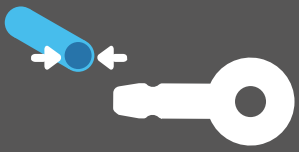
Before you start going crazy with your new Strawbees kit, let's take a look at some basic tips and tricks that will help you build smart!
If you're a newbee to Strawbees, these are good to know so stay here for a while and play around.

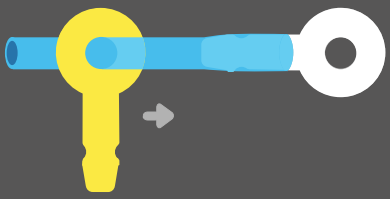
CONNECT & LOCK

If your Strawbees start to slide away, you can lock them with another strawbee.

Push the Strawbee on over the Strawbee that already attached to the straw until you hear a ‘click’, then you’re all set.

Pro tip: *Make sure to squeeze the opening of the straw for easy insertion of the strawbee.*





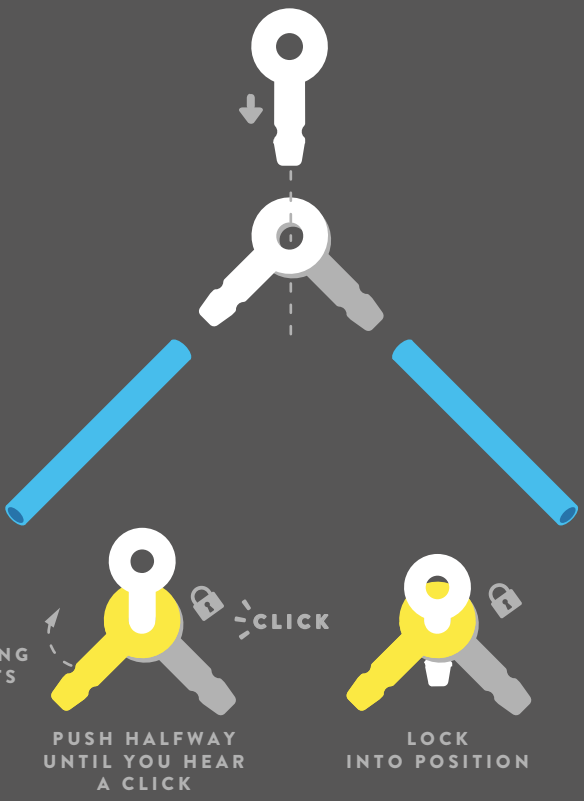
This is called the tension lock because it locks the straw to the Strawbee. we dare you to pull it off.

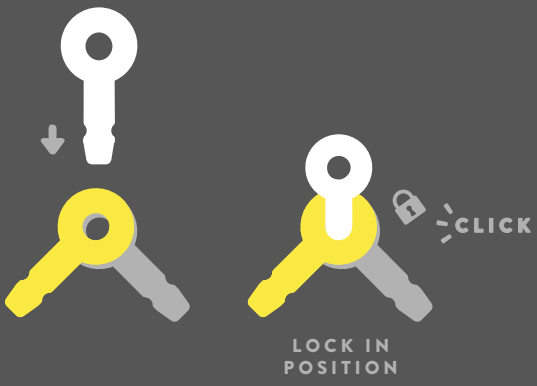
This is called the extrusion lock because it is perfect for extruding and sculpting lock.

JOINT

To make two or more Strawbees stick together in a hinge you can push a third one into them. Put one Strawbee on at a time. If you push a little until they 'click' they will be a moving hinge, if you push all the way through, they will lock into their positions.

***Pro tip:** Push one strawbee at a time and if it's hard to fit them into each other, it helps to fold, squeeze, etc. Strawbees are quite resistant.*

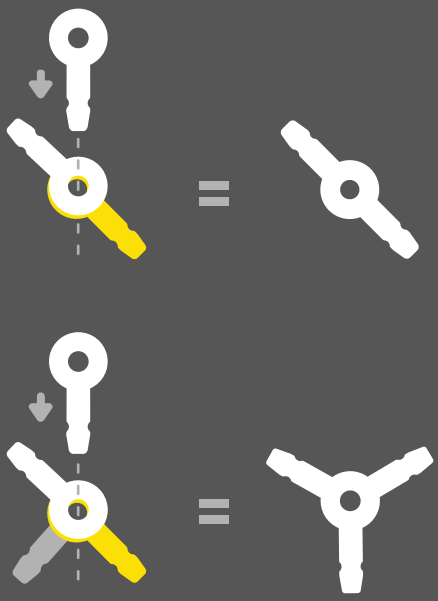


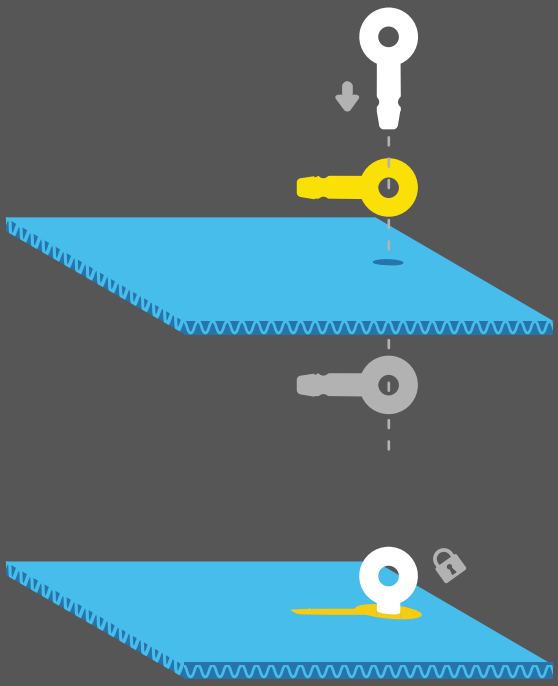


You can also fold the Strawbee over itself to create a friction lock.

HOW TO REPLACE A PIECE

While building if you start to run out of some types of Strawbees, you can replace them with a combination of other Strawbees or you can even cut them yourself! Did you know you can put upto 25 Strawbees on a single Strawbee?





BASIC

Strawbees and cardboard are friends too. You can join two or more pieces of cardboard together by passing a Strawbee through them. Make the cardboards move by cutting out circular holes for joints, or lock the boards into position by simply fitting your Strawbee in a fixed place. Always remember to lock the Strawbees so they don't fall apart.

DREAM BIG

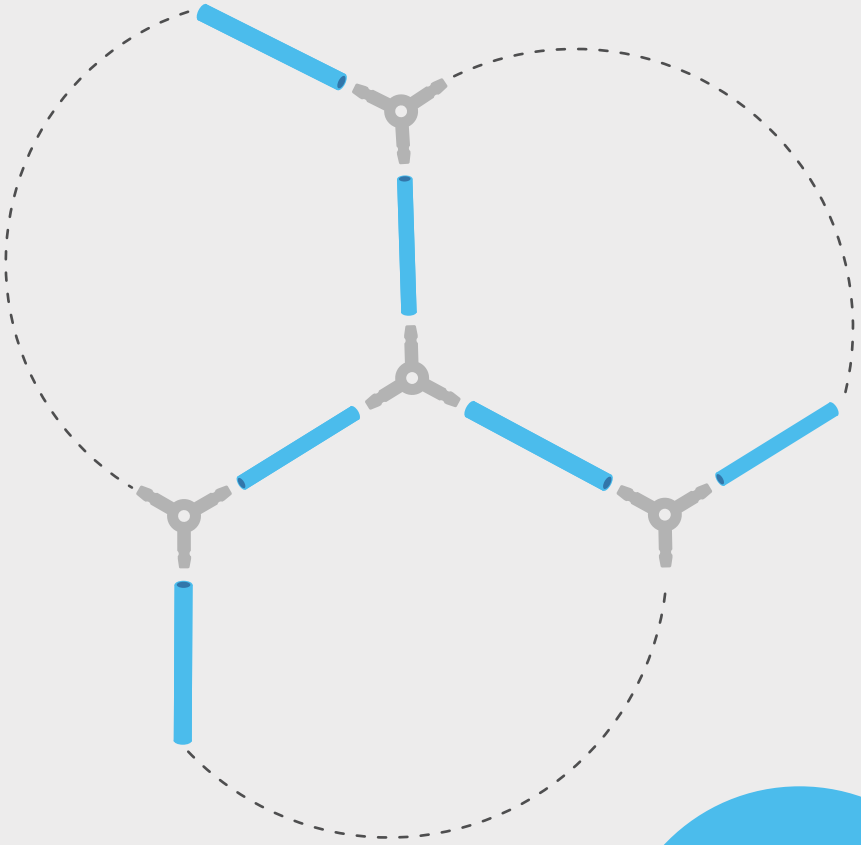
Do you think you can create something with Strawbees just by thinking about it?

Probably not BUT we can keep our thinking hats on and start building instead! Here are a few projects you can start with to get your imagination flowing and your hands building.

PYRAMID

6 4

Pyramids are also known as tetrahedrons, fancy name for this pointed fella. Pro tip: Bend the Strawbee arms to make the edges sharper



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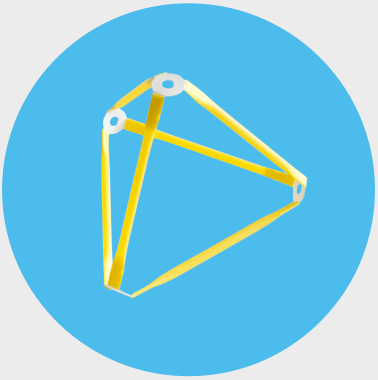
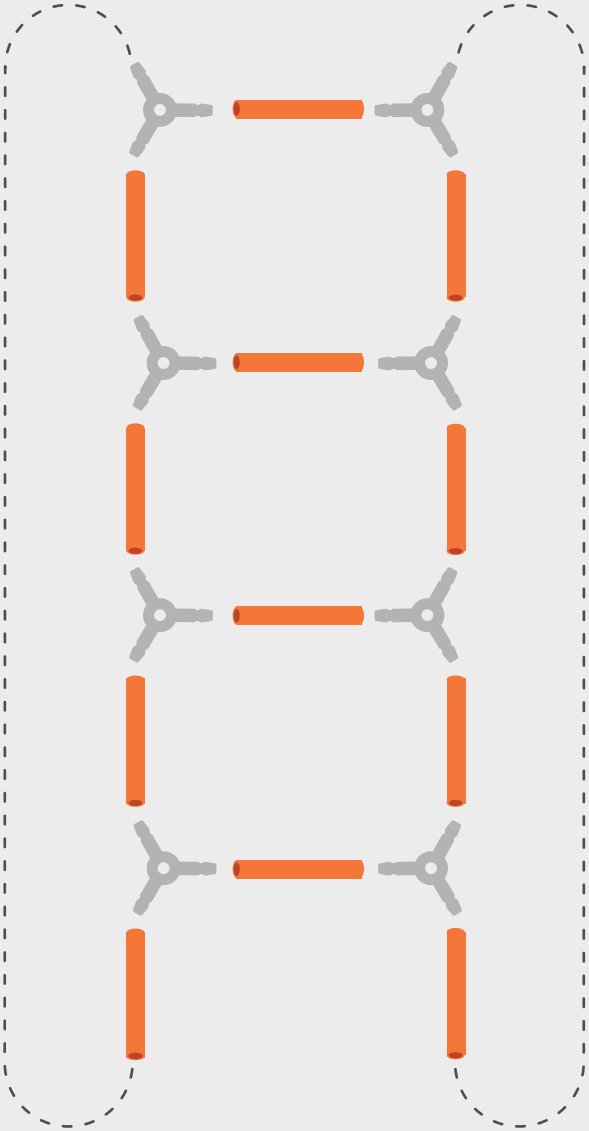


CUBE

You can turn a pyramid into a cube by adding some straws and Strawbees. They are perfect to stack on top of each other.



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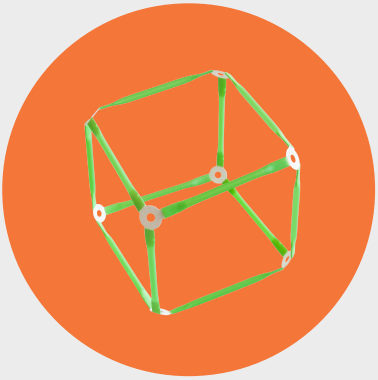
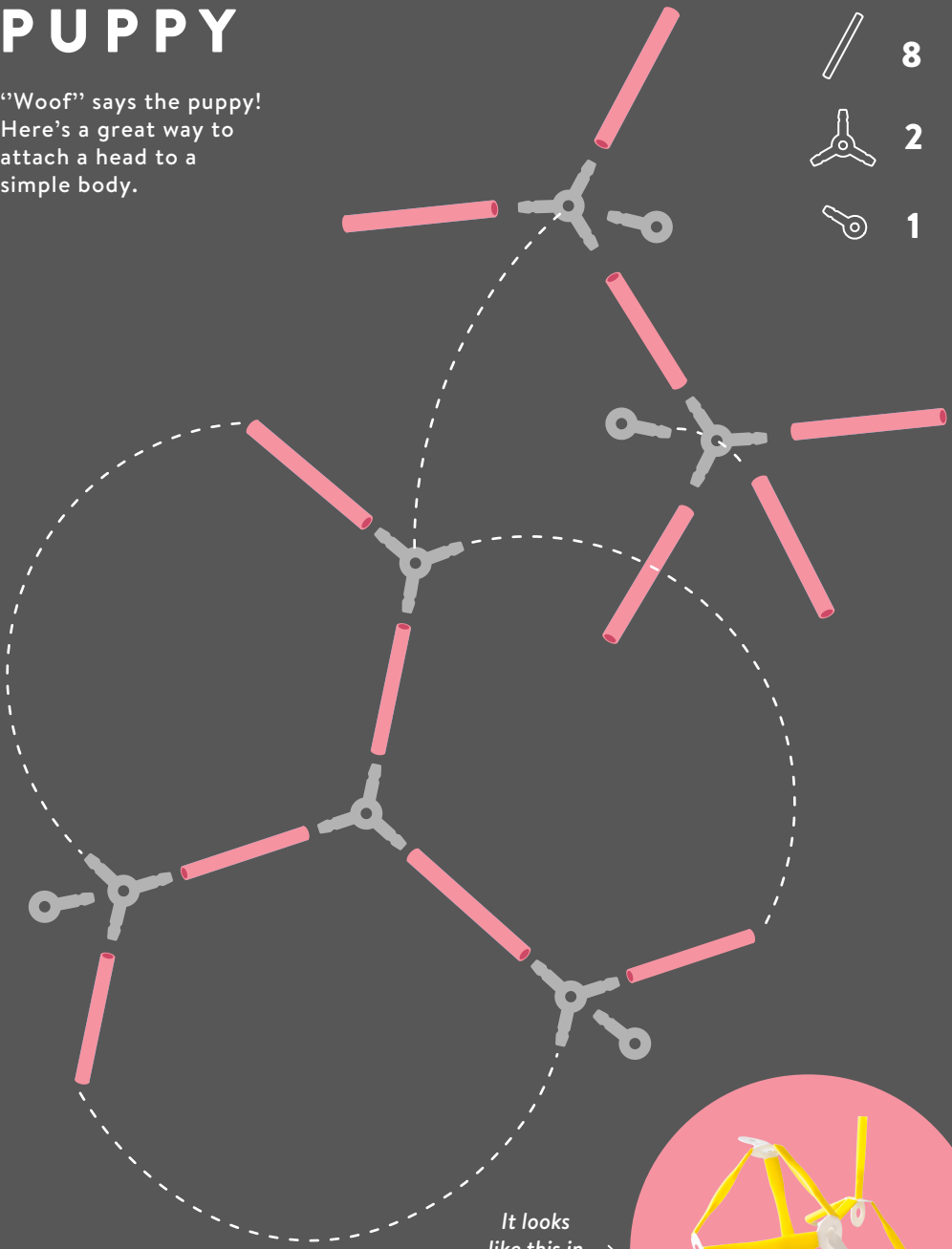


PUPPY

''Woof'' says the puppy! Here's a great way to attach a head to a simple body.



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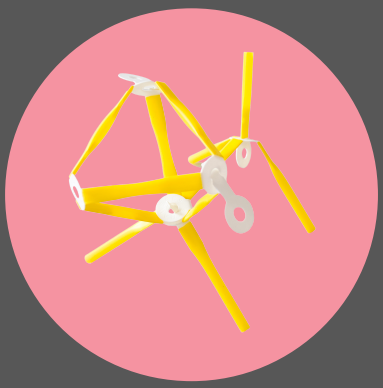
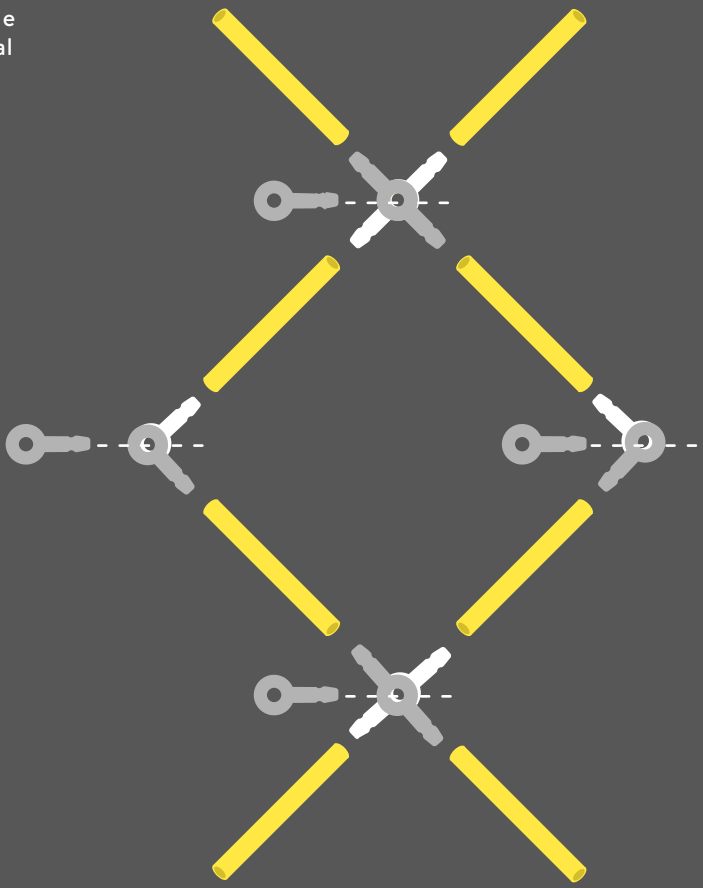


ARM

You can make an arm in so many ways that it's even hard to count! This is a simple but very stable way to build a mechanical articulated arm.



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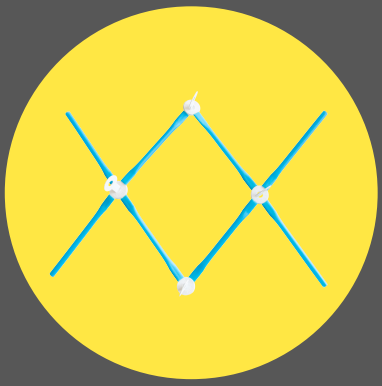
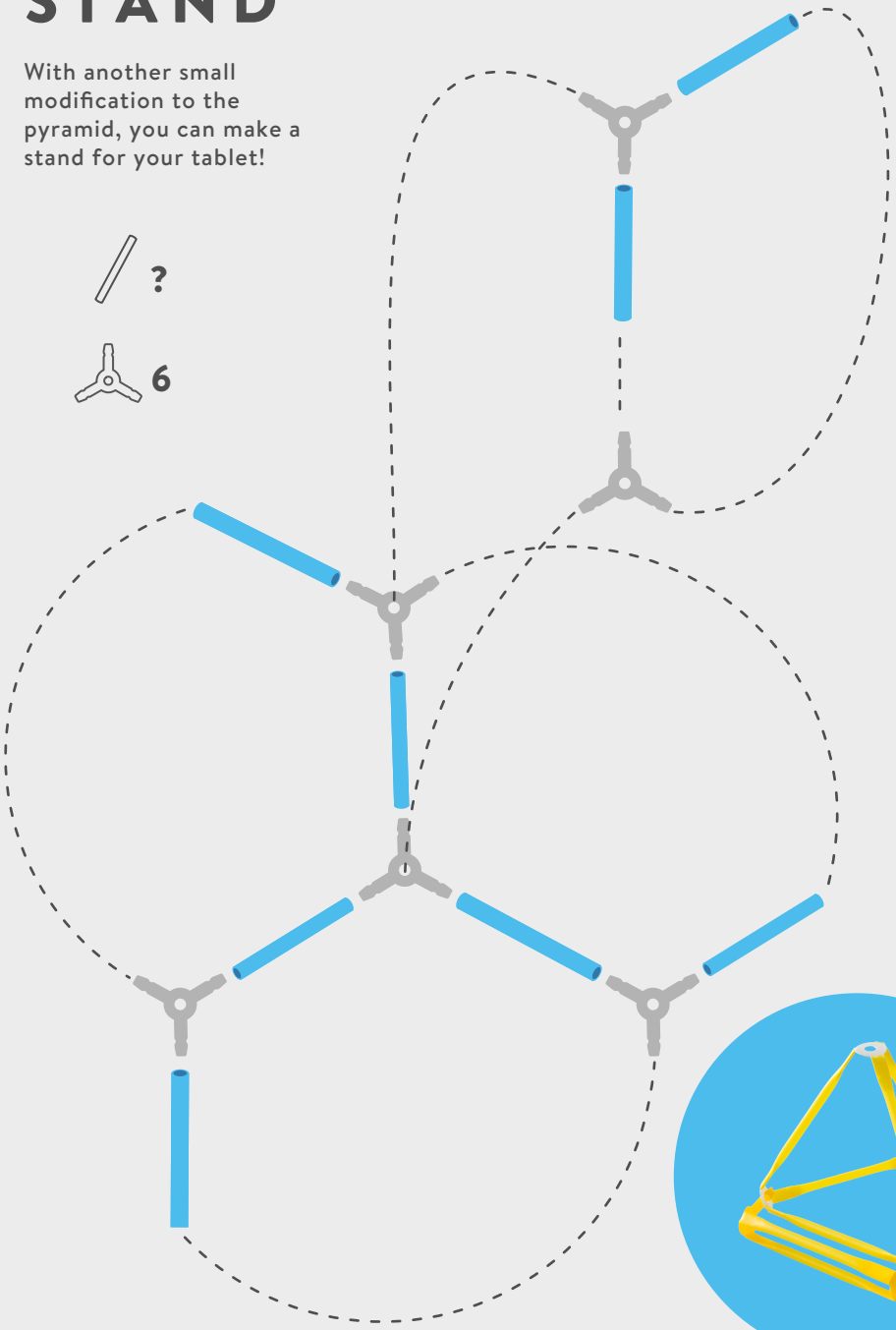


TABLET STAND

With another small modification to the pyramid, you can make a stand for your tablet!



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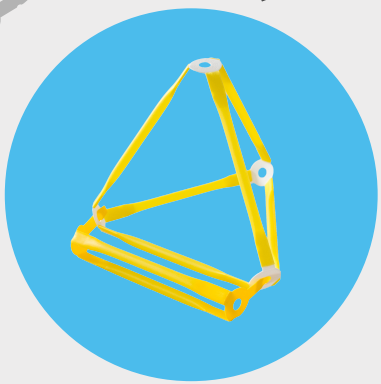
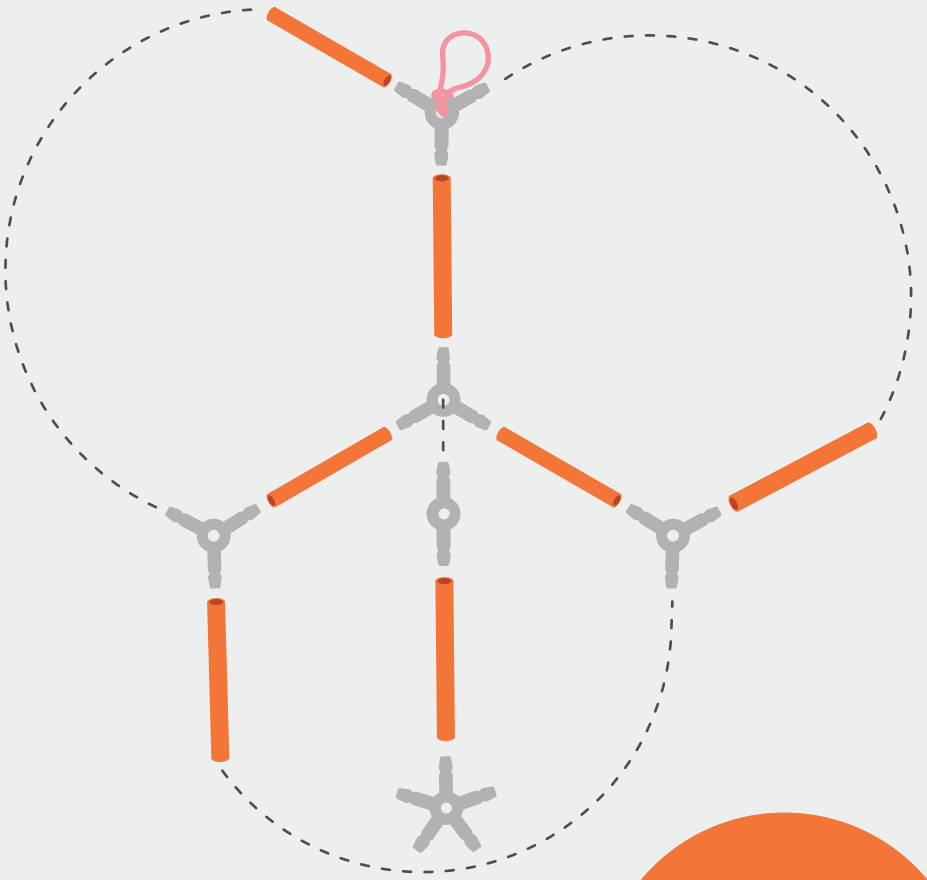


CATAPULT

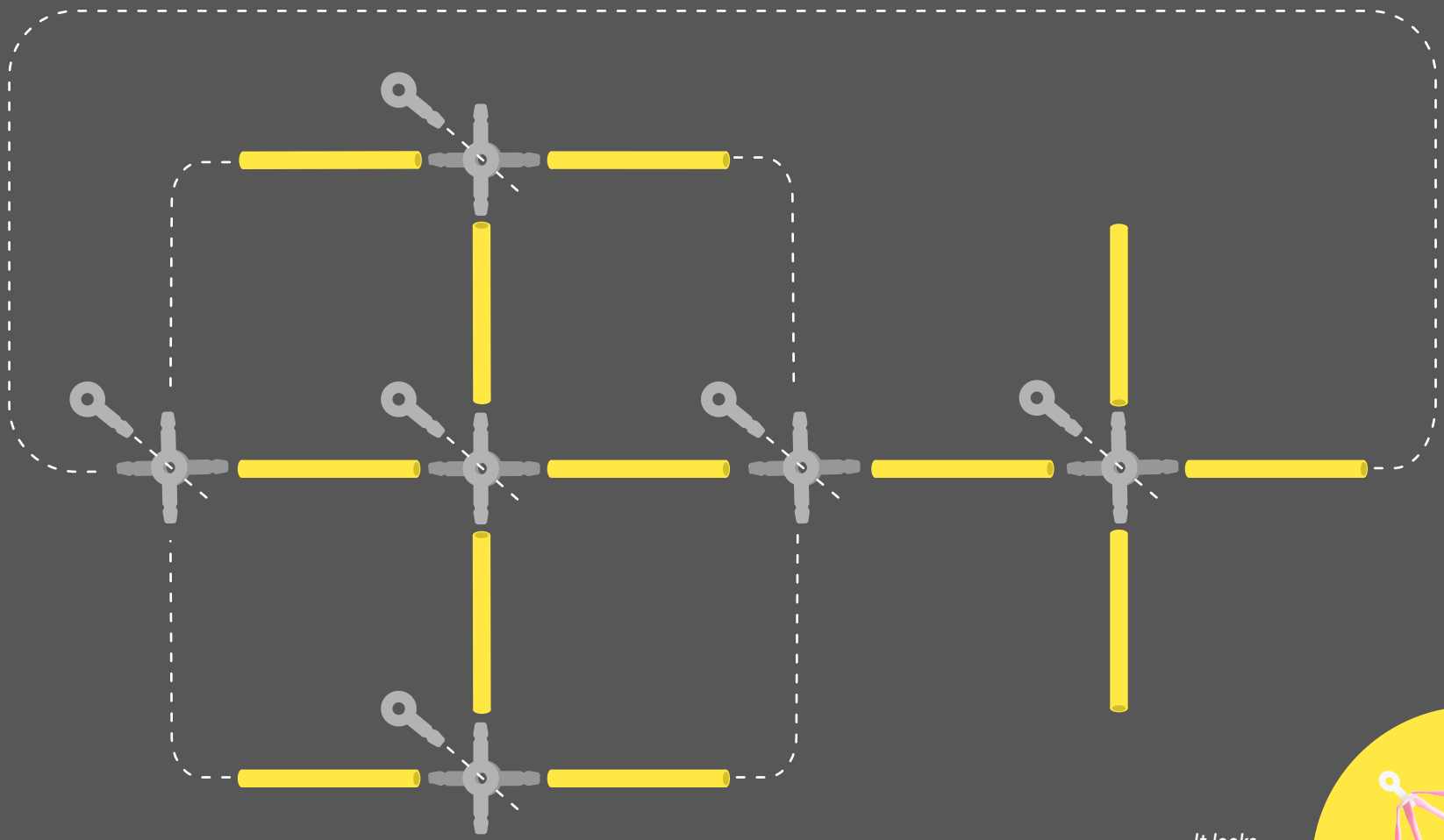
Remember the pyramid? We added some new cool features to it!



It looks like this in the end! →

OCTAHEDRON

The octahedron has eight equal faces and is the third platonic solid. Because there are only triangles the shape is very strong.



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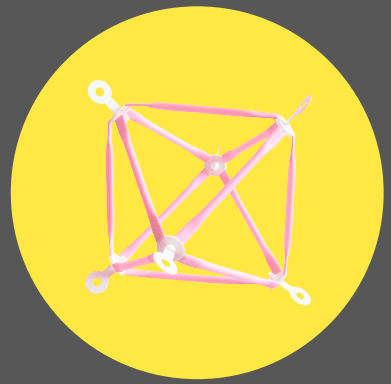


SHOE-MERANG

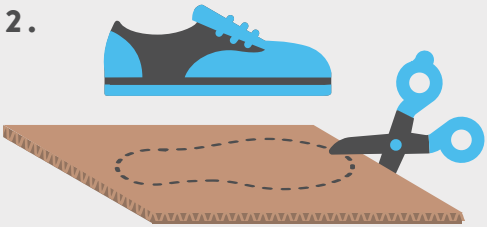
Here's a cool shoe-merang that returns to you after you throw it!

1.

*If you are **right-handed**, you should use the left foot as a model.*

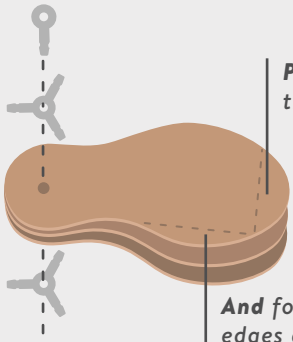
*If you are **left-handed**, you should use the right foot as a model.*

2.



Alternatively, you can cut out these shapes from the inside flap of the box.

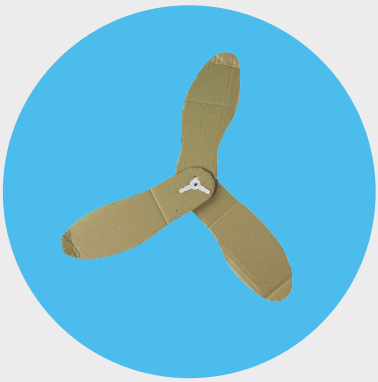
3.



***Pro tip:** Fold these edges up...*

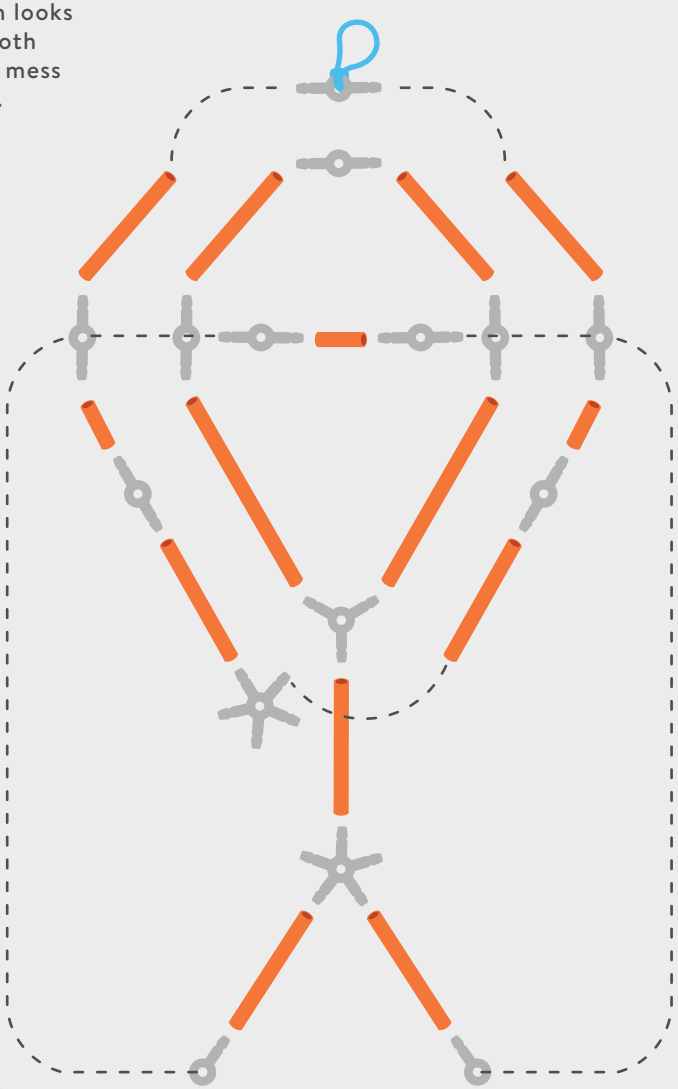
***And** fold the trailing edges down for a sharper turn!*

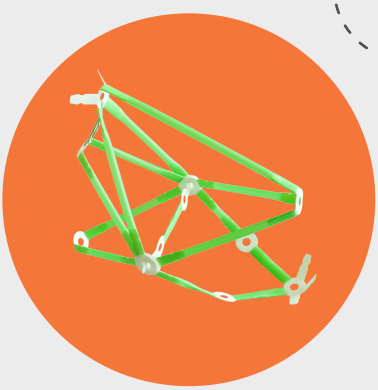
It looks like this in → the end!



JAWS

With this mechanism which looks like a dino head, you can both handle nasty things or just mess around biting your friends.

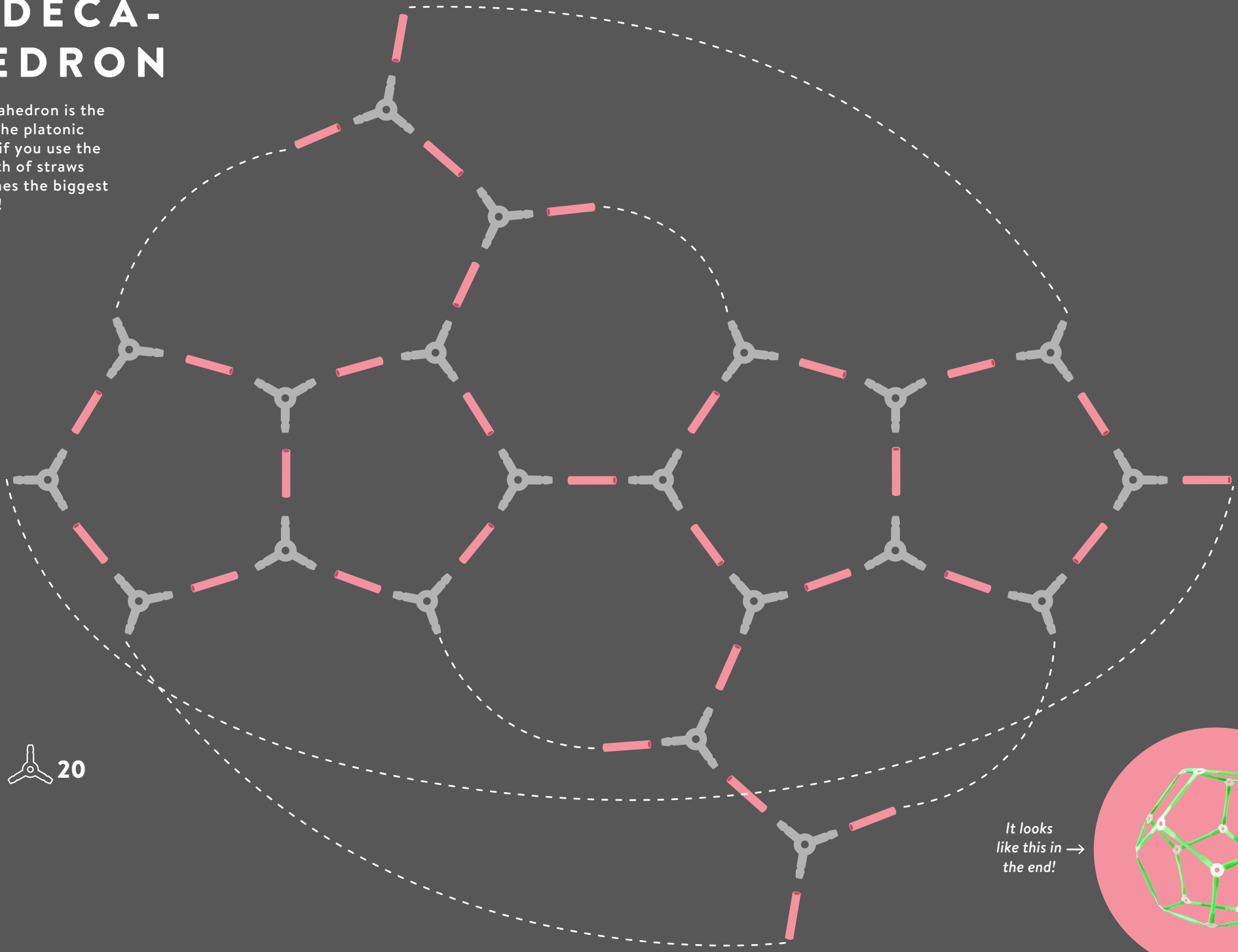




It looks like this in the end! ←

DODECA-
-HEDRON

The dodecahedron is the fourth of the platonic solids and if you use the same length of straws this becomes the biggest of the five!



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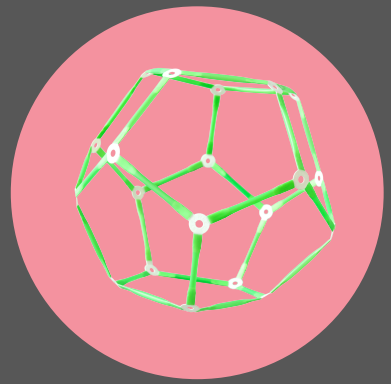
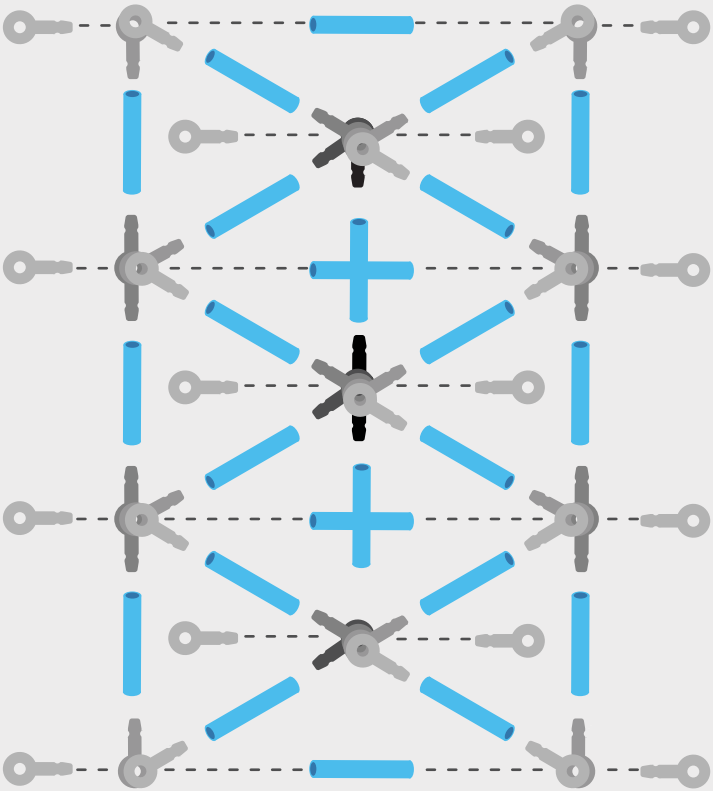


BRIDGE

24 39 4

Bridges are a great way to connect two places and to cross between them. Here's a simple way of building a simple modular bridge.



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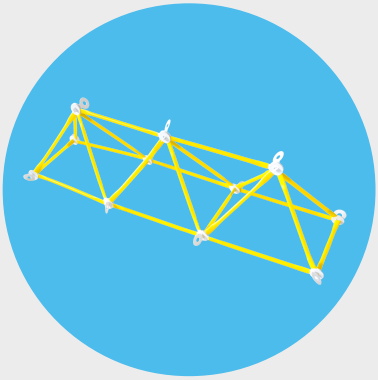
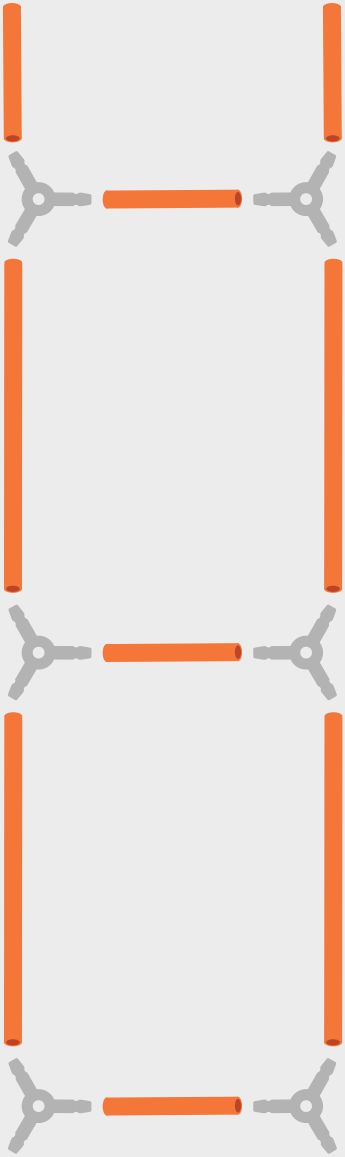
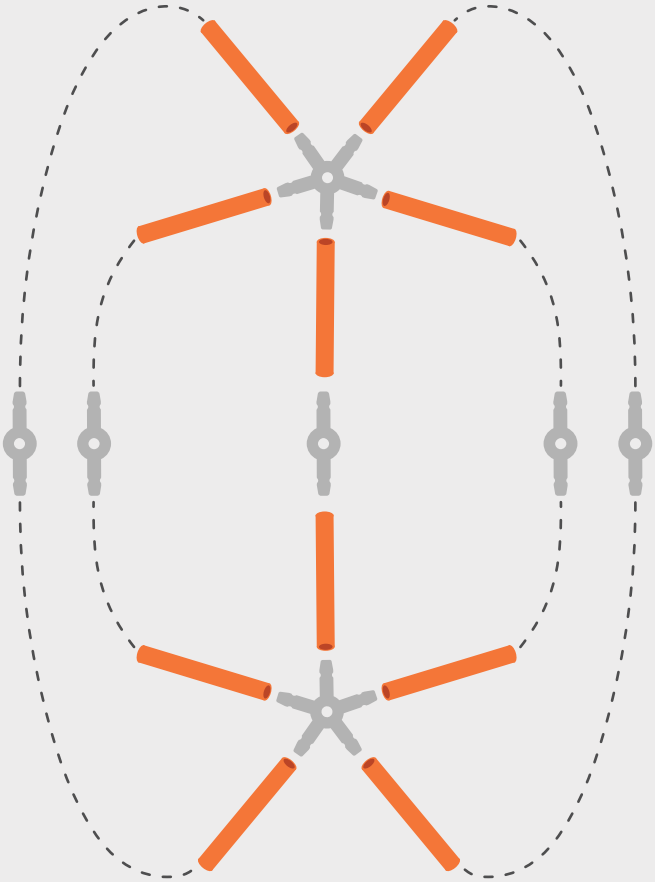


SPINNER

This is a simple solution for making a standing spinning object. Place it under the tap to see it spin really fast.

15 4 5 6 2





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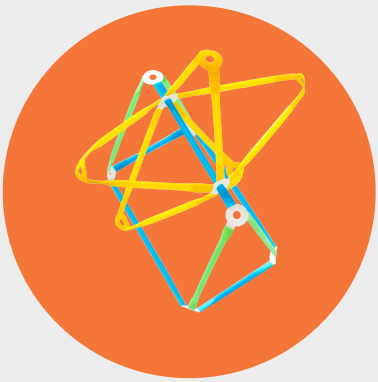


ARM V2

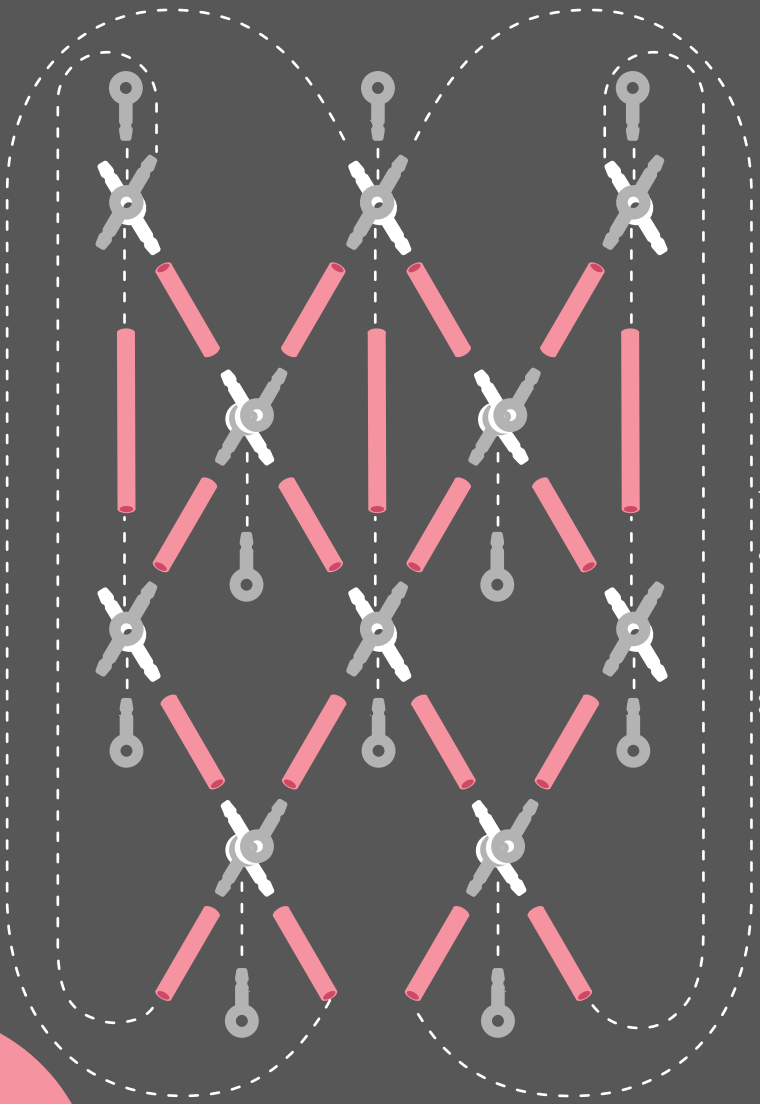
This is a wonderful example of a structure that you can repeat over and over again. It is collapsible which means it can compress and expand and can twist and best in interesting ways. This instruction shows the first two repetitions but you can continue making as many as you like!


3+

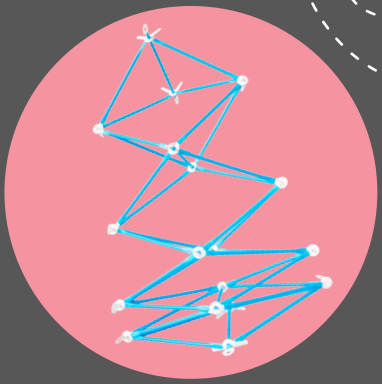

16+


11+


5+



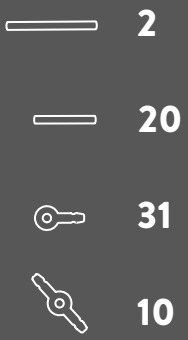
continue repeating to make it bigger

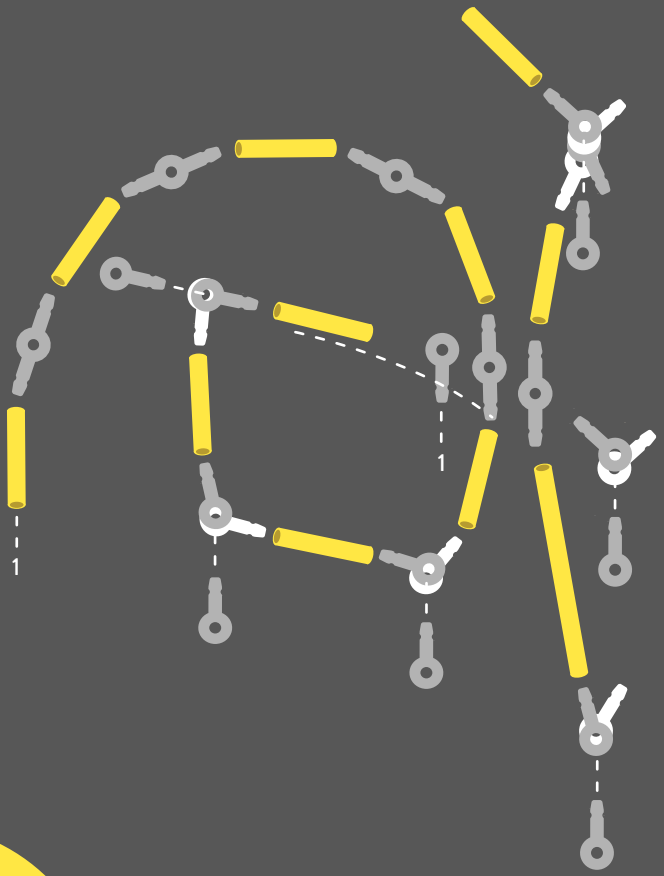


It looks like this in the end! ←

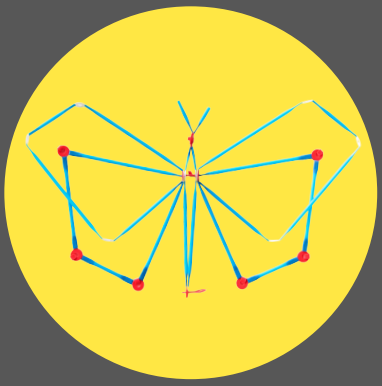
BUTTERFLY

The butterfly is a wonderful symmetric creature. We have celebrated this by making only half the butterfly so all you need to do is mirror it to build the other side.





Complete the other half..



← *It looks like this in the end!*

CATAPULT V2

This is an advanced version of the catapult. It can seem slightly trickier to build but on the other hand it's designed for better precision and a longer range.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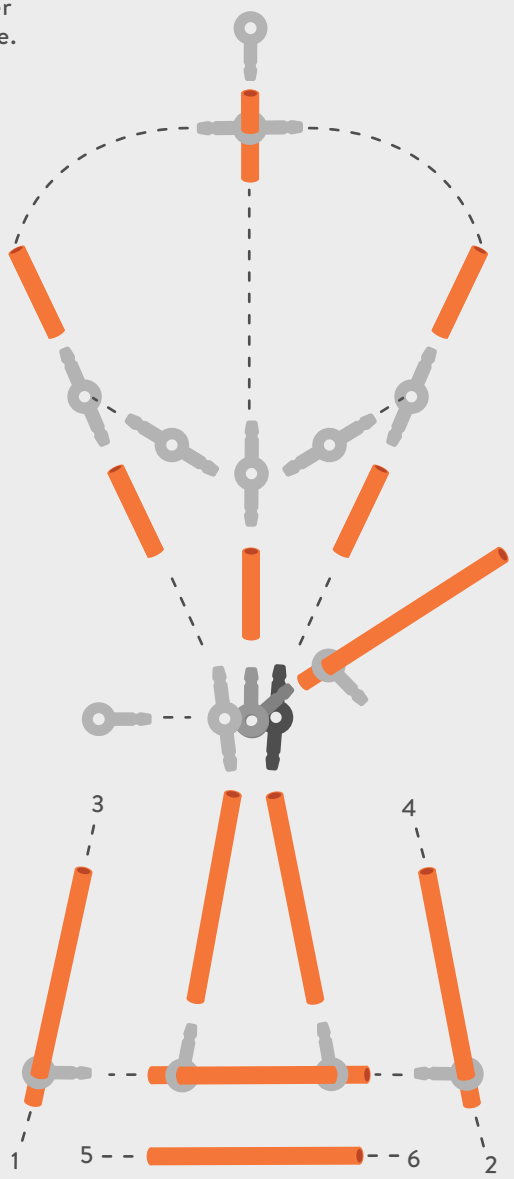

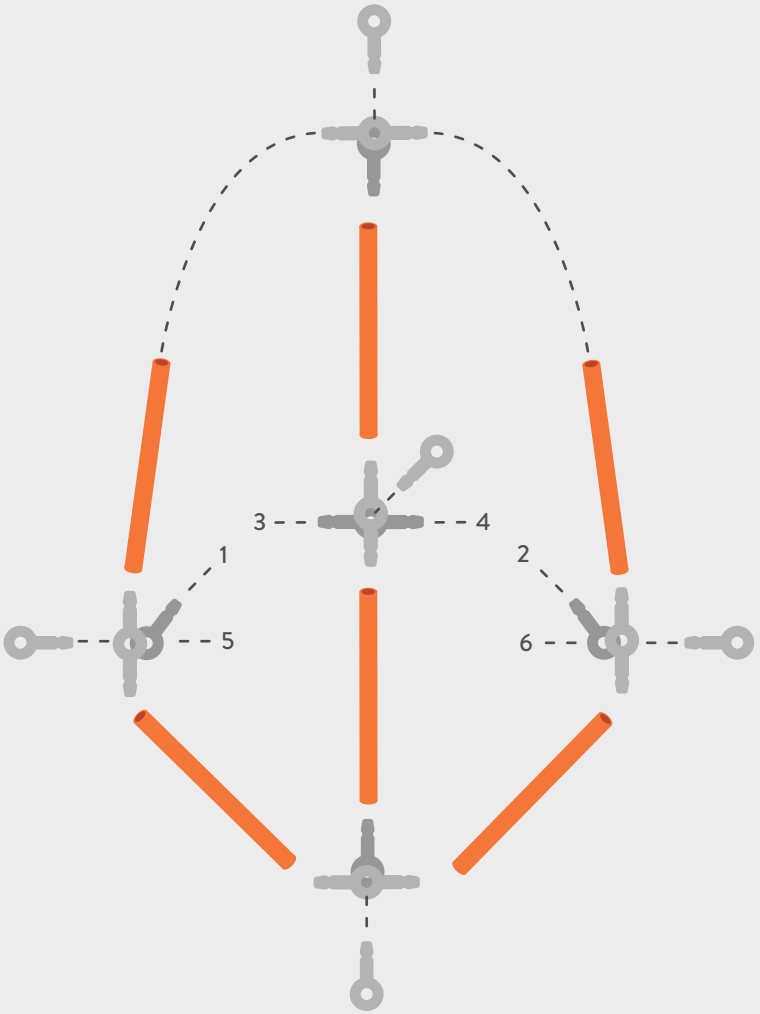

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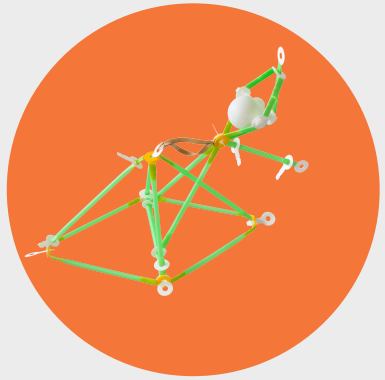

ICOSHEDRON

The icosohedron with it's 20 sides is the most complex platonic solid and since it is made of only triangles, it's very strong!

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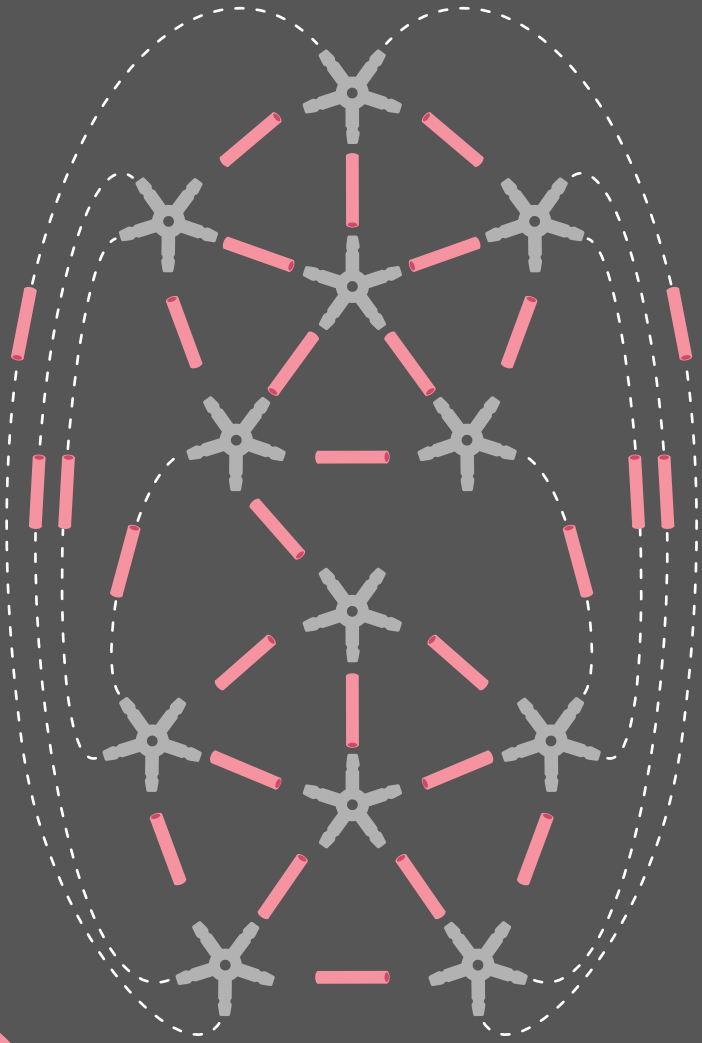
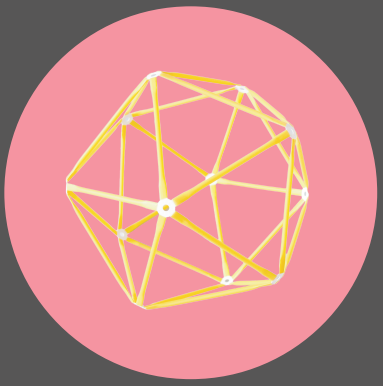
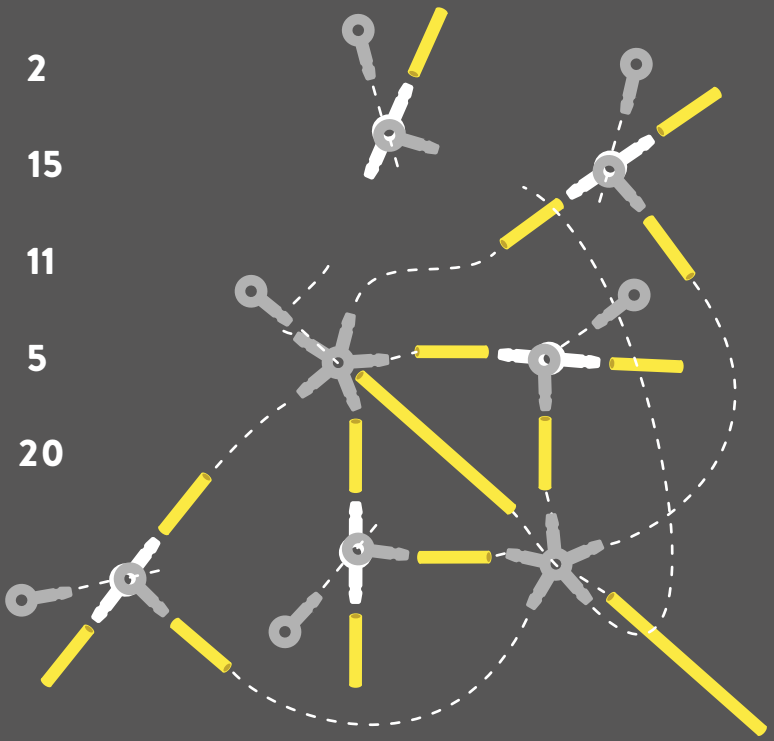


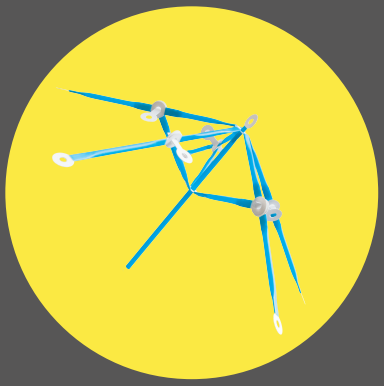


It looks like this in the end! ←

UMBRELLA

Learn how an umbrella works by making one yourself. This has all the best features of an umbrella, except protecting you from rain.

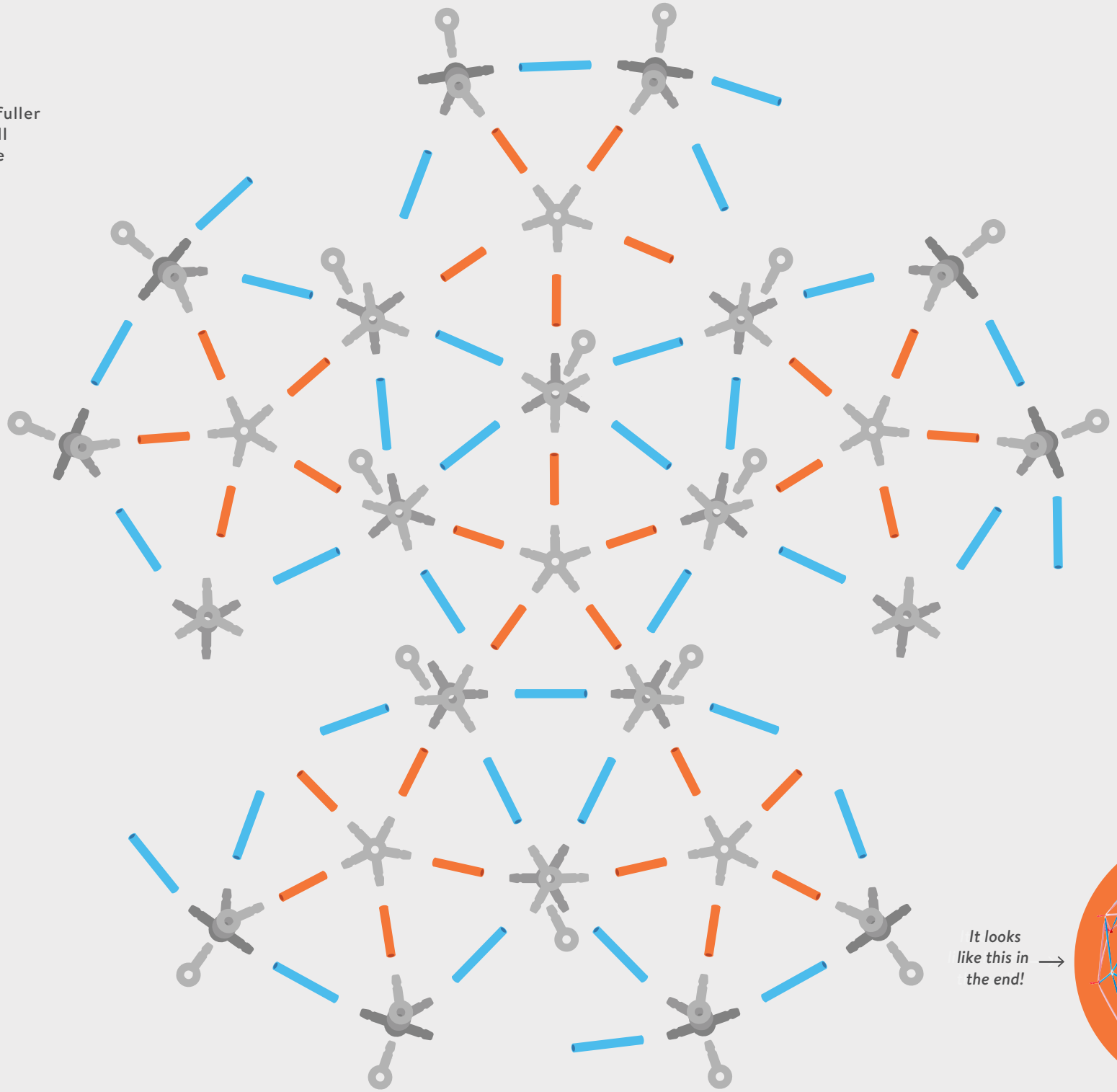




It looks like this in the end! ←

DOME

Everybody loves domes. Invented by buckminster fuller and based on tensegrity all domes are a version of the Icosahedron.



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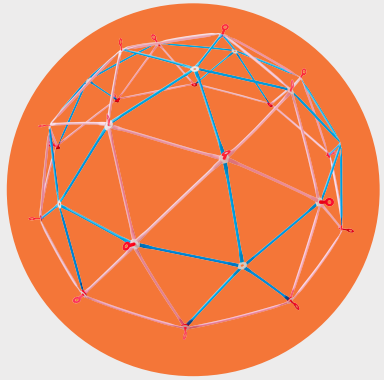
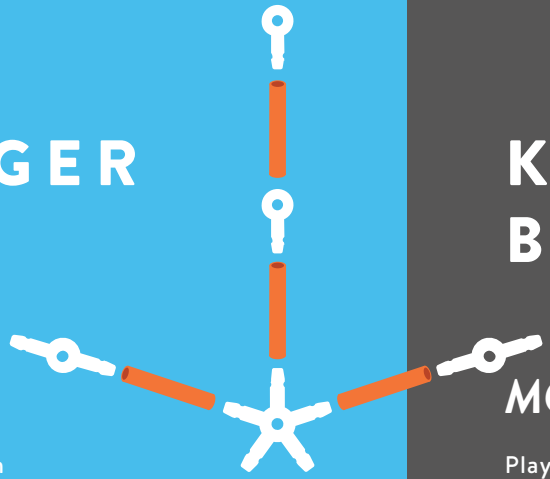


THE BUILD BIGGER CHALLENGES



THE WIDEST

What is the widest thing you can build hanging from the roof that is not allowed to touch the floor?

Set a maximum building time for your first try. When you finish, think about how you can improve it. Now try again with half the time.

TIP:You can hang a Strawbee or a straw with some string and tape from the ceiling or walls.

THE TALLEST

What is the tallest thing you can build?

Gather some friends and take turns. Each person can place either a Strawbee or a straw per turn. After you're done, how many straws and Strawbees can you take off and still keep it standing up?

TIP:Check out the tallest constructions around you and try to figure out what makes them strong and resistant.

KEEP BUILDING!

MORE VARIATIONS

Play is a continual process. It's important to continue modifying, improving and making variations of your creations all the time.

Pick one of your creations and use the words below to change it! Try to come up with your own words too! For example can you make your creation..

BIGGER
TALLER
WIDER
SIMPLER
MORE COMPLEX
CUTER
STRONGER
FASTER
SLOWER
SPIKIER
ROUNDER
ELEGANT
SHY
CROOKED
STRAIGHT

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