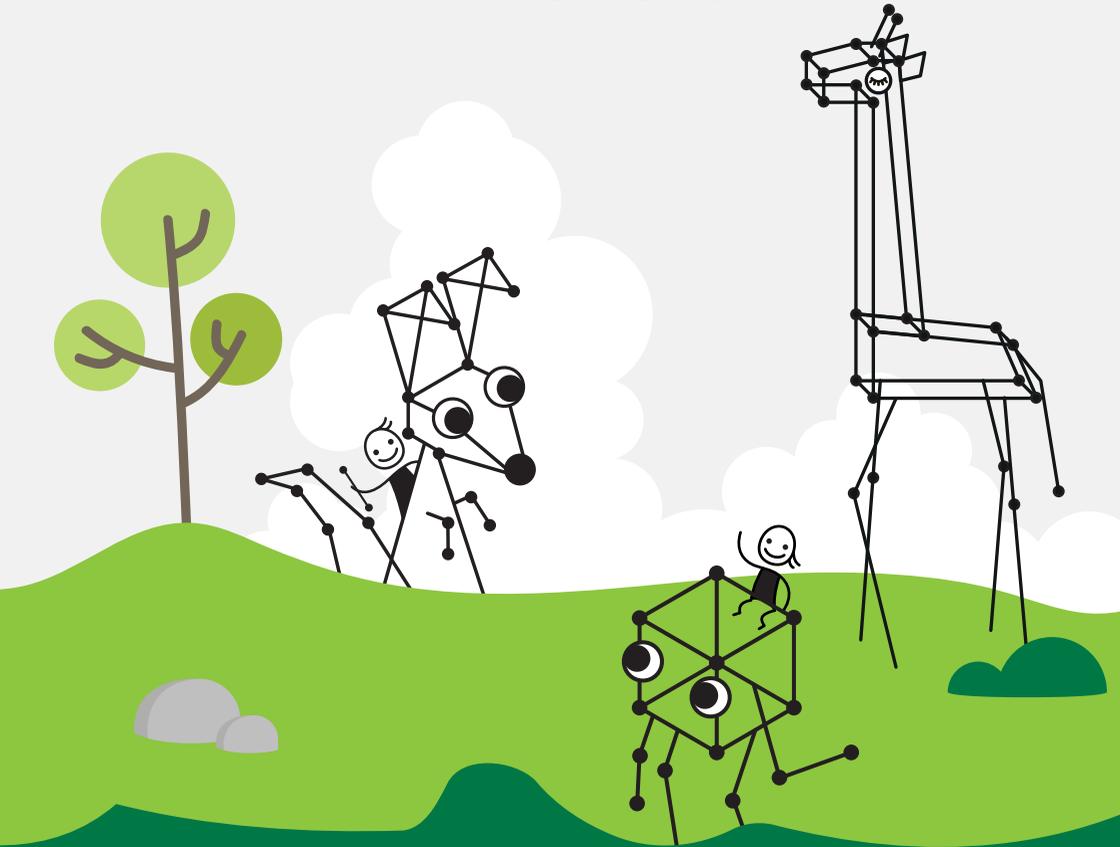


Strawbees. CREATURE CREATOR KIT



ACTIVITY BOOKLET

DEAR MAKER,

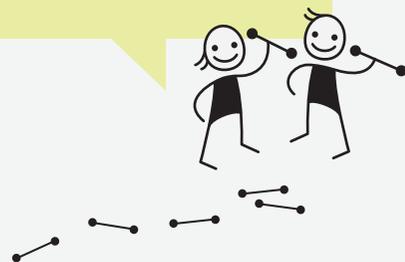
Every project you will create with this kit is a process. We believe it is important to encourage multiple attempts to create something new. Through the process of experimentation, testing ideas, prototyping then modifying your project the result that is not important, but the journey and exploration. We encourage everyone to curiously embrace our activities with a great sense of enthusiasm and humor because we believe that problem solving with a positive attitude fosters creativity.

When you first use the Strawbees connectors you are beginning the exploration of body mechanics and features of different animals we see in the world. Let your ideas take shape and invent a new creature, remix, disassemble then build again. You can find more activities and support for Strawbees construction-techniques with other materials at learning.strawbees.com.

Welcome to our community of endless ideas put together solely to support your creativity. If you have any questions, we will be happy to address them at strawbees.com/support.

Happy making!

DREAM BIG, BUILD BIGGER!

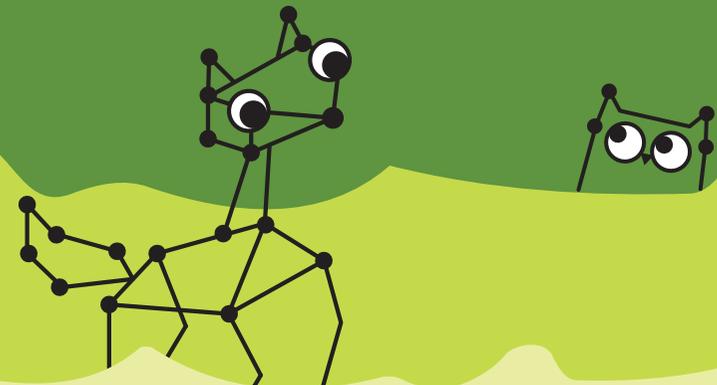


FIRST TRICKS

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 newbie to Strawbees, these are good to know so stay here for a while and play around.

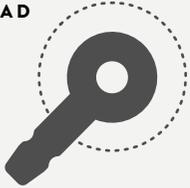
STRAWBEES CONNECTORS
CONNECTING TO STRAWS
CONNECT & LOCK
LOCKING STRAWS
JOINT



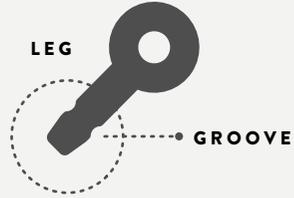
STRAWBEES CONNECTORS

Strawbees are connectors that can be used for combining straws, connectors, cardboard, and many types of materials.

HEAD

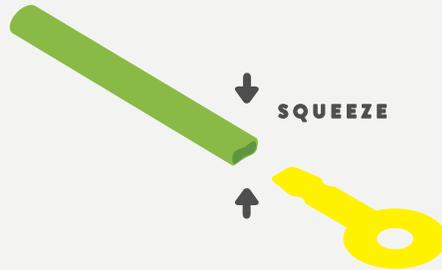


LEG



CONNECTING TO STRAWS

Squeeze the opening of the straw for easy insertion.



CONNECT & LOCK



Slip the head into the groove of the leg and **listen for the click**. This will secure connectors and allow rotation.

OR



Push the leg **all the way through** the head to lock in place. The connectors are limited in rotation.

LOCKING STRAWS

You can lock the straws in place to prevent slipping.

1.



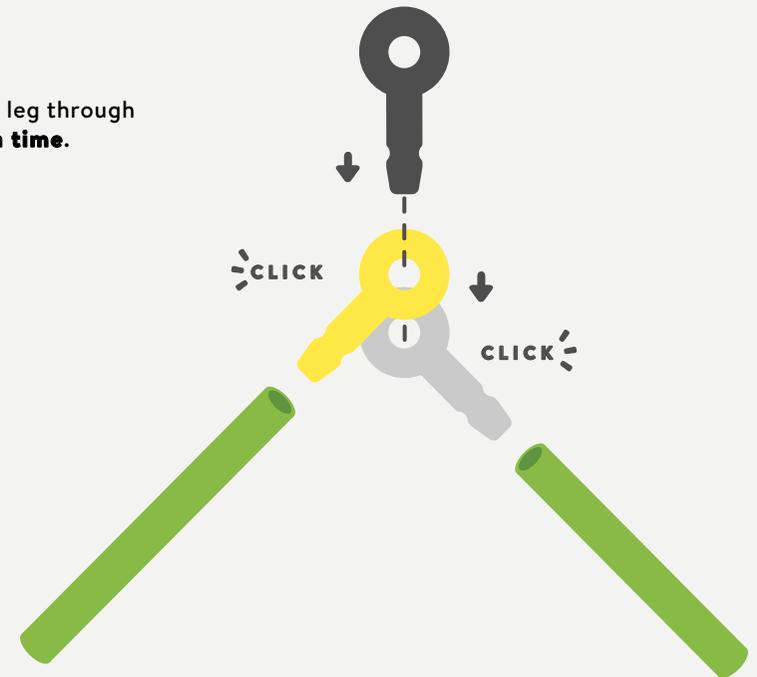
2.



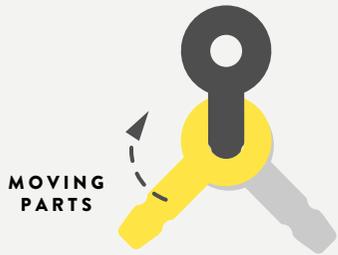
Snap onto the **groove**.

JOINT

Push the Strawbee leg through each head **one at a time**.



MOVING JOINT



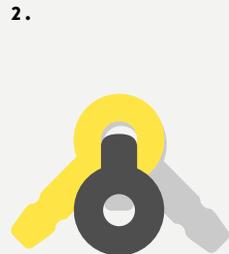
Snap the heads of connectors into the groove of another to create a fully rotating joint.

LOCKED JOINT



Push the leg all the way through to create a joint with limited movement.

FRICTION LOCK



FOLD THE HEAD ALL THE WAY TO THE BACK



PUSH THE LEG THROUGH THE HOLE TO LOCK

With the moving joint fold the head over to the other side and snap it into the groove to create a friction lock. The legs will shift and hold in different positions.

BASIC FORMS

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!

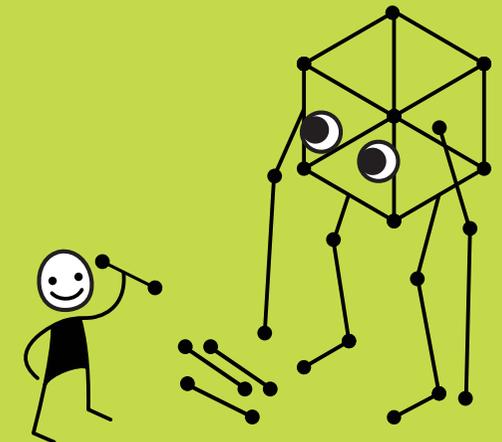
If you're a newbie to Strawbees, these are good to know so stay here for a while and play around.

PYRAMID

CUBE

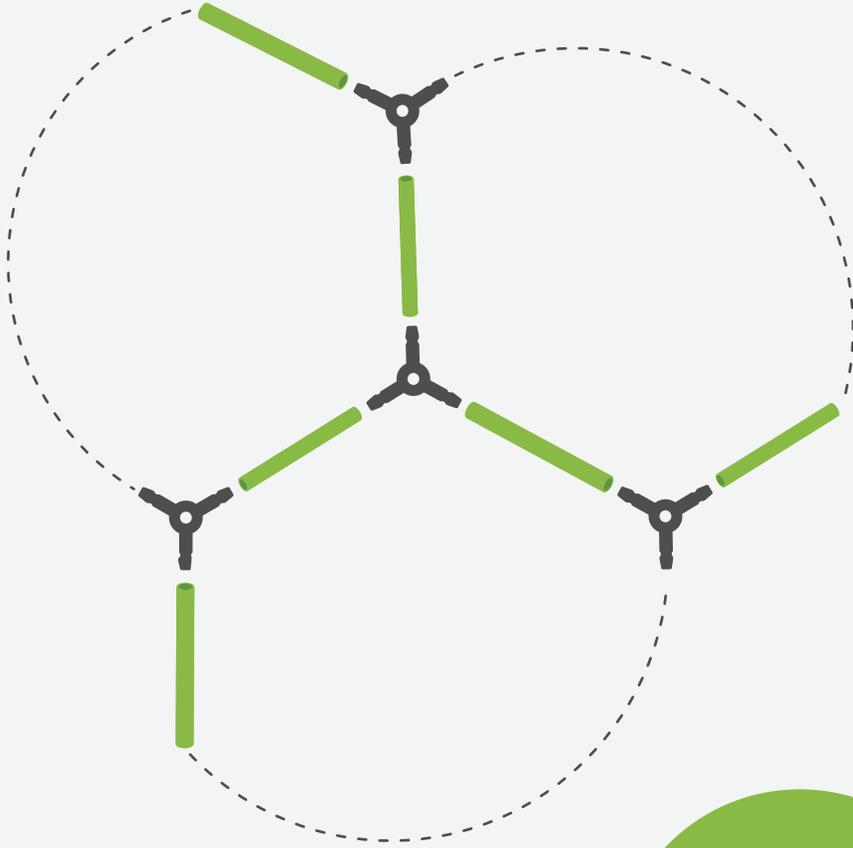
PUPPY

ARM

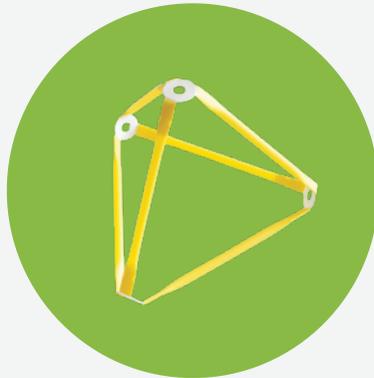


PYRAMID

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

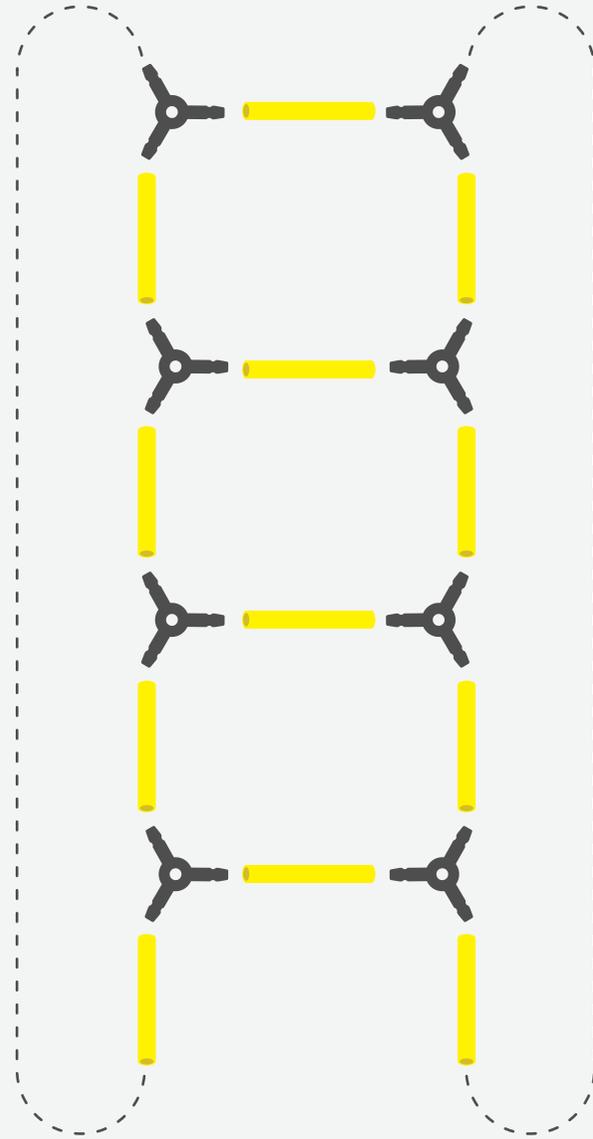


It looks like this in →
the end!

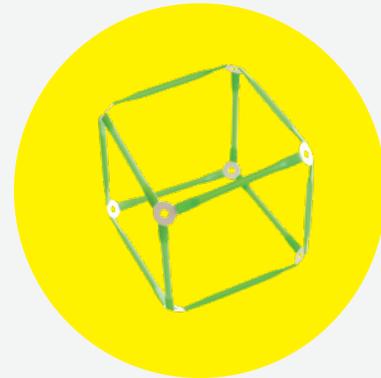


CUBE

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

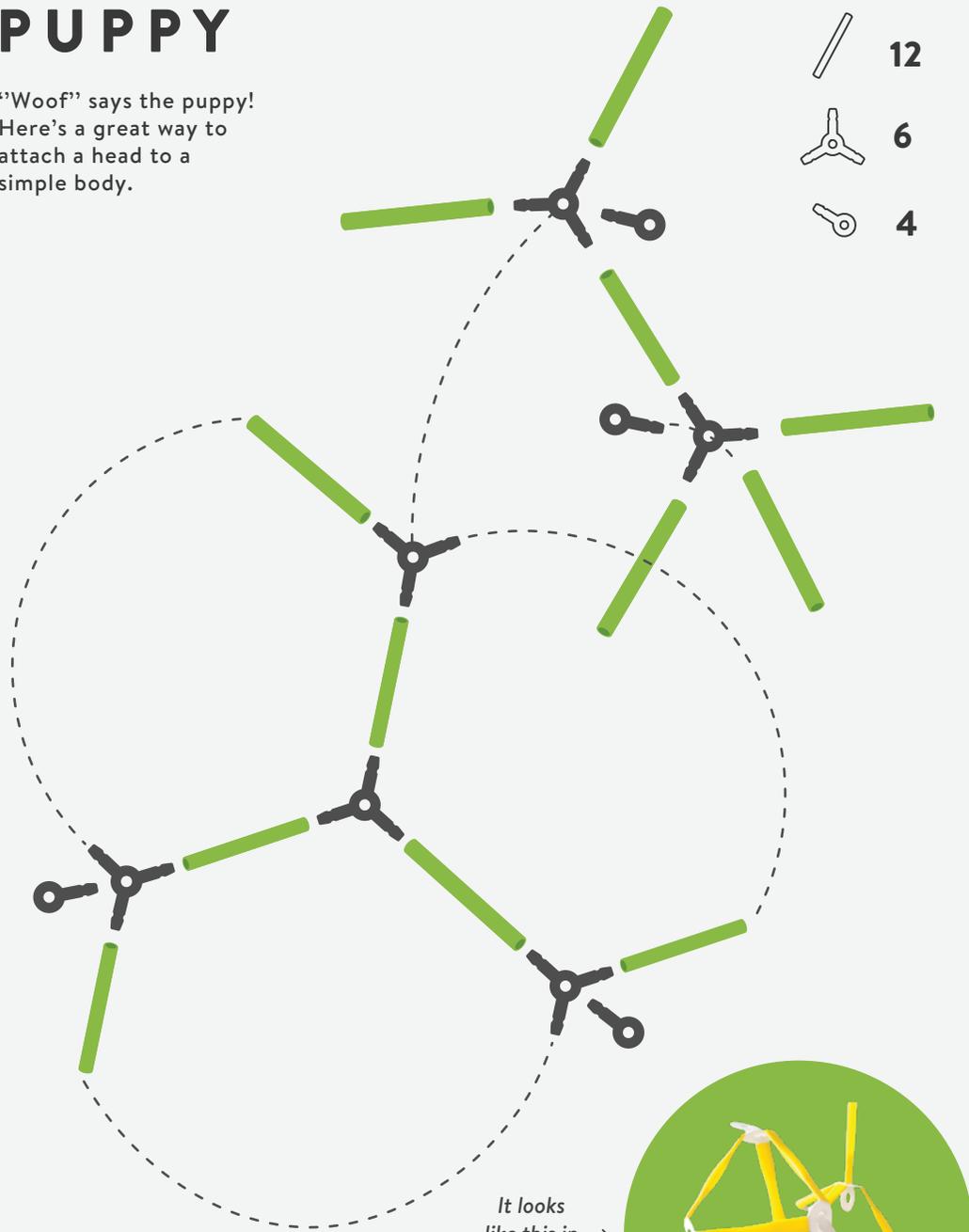


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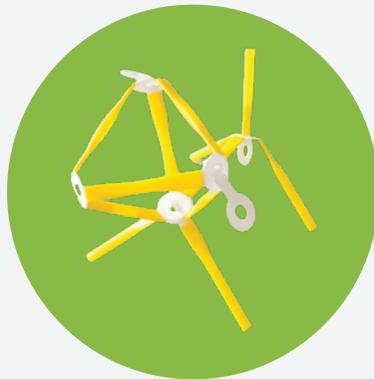
PUPPY

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



- 12
- 6
- 4

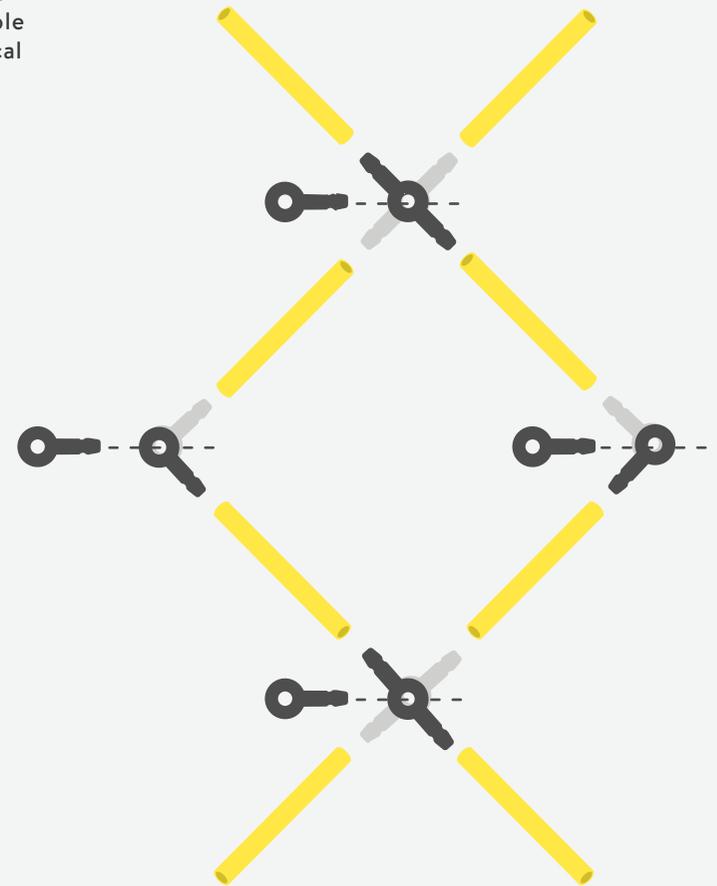
It looks
like this in
the end! →



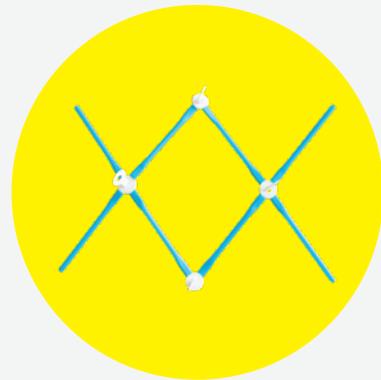
ARM

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.

- 8
- 8
- 4



It looks
like this in
the end! →



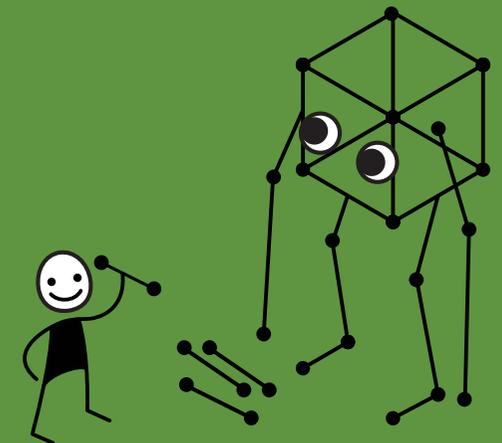
EXAMPLES

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 newbie to Strawbees, these are good to know so stay here for a while and play around.

LITTLE EXPLORER

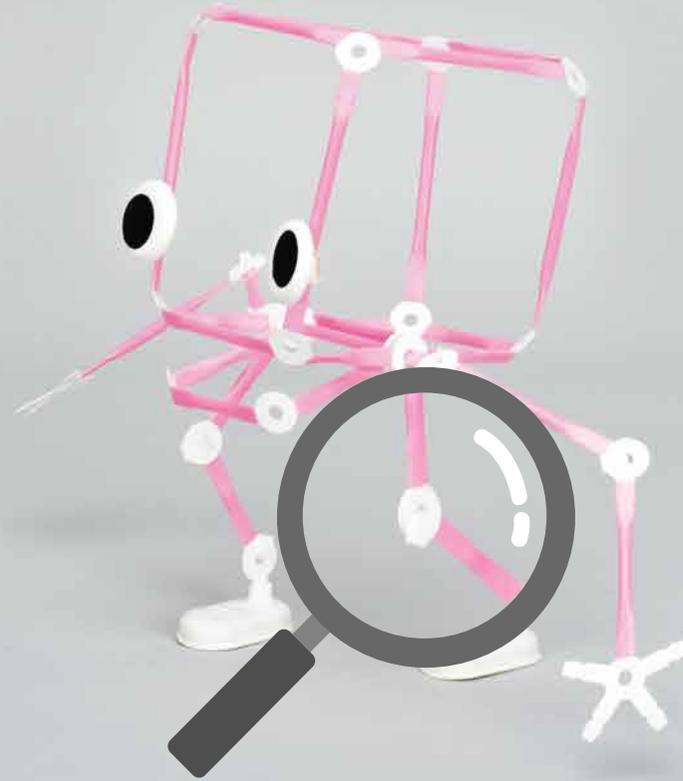
FOREST CRITTER

SEAWATER CREATURE



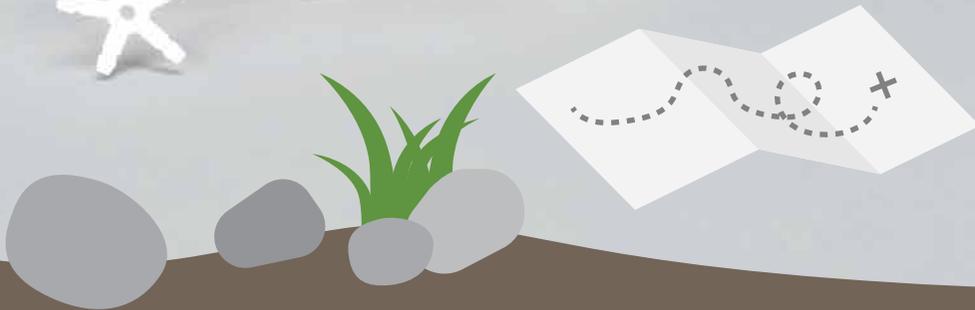
LITTLE EXPLORER

As an explorer of the world you need arms and legs to help you climb over obstacles and discover new creatures! Build a body, attach eyes, and put on your best walking shoes for a grand adventure around the world to find the most amazing creatures.



Transform joints into friction locks to make knees and elbows that can hold the limbs of your explorer in place. Make two or more Strawbee stick together in a hinge you can push the leg of a third one through the heads of both.

If you push all the leg all the way through and fold the Strawbee over itself you will create a friction lock to secure positions of the joints. What other parts of the explorer can you make using joints and friction locks to make travel much easier?



FOREST CRITTER

Boing, Boing! The forest critter roams under the trees on land scavenging for food and avoiding trouble.

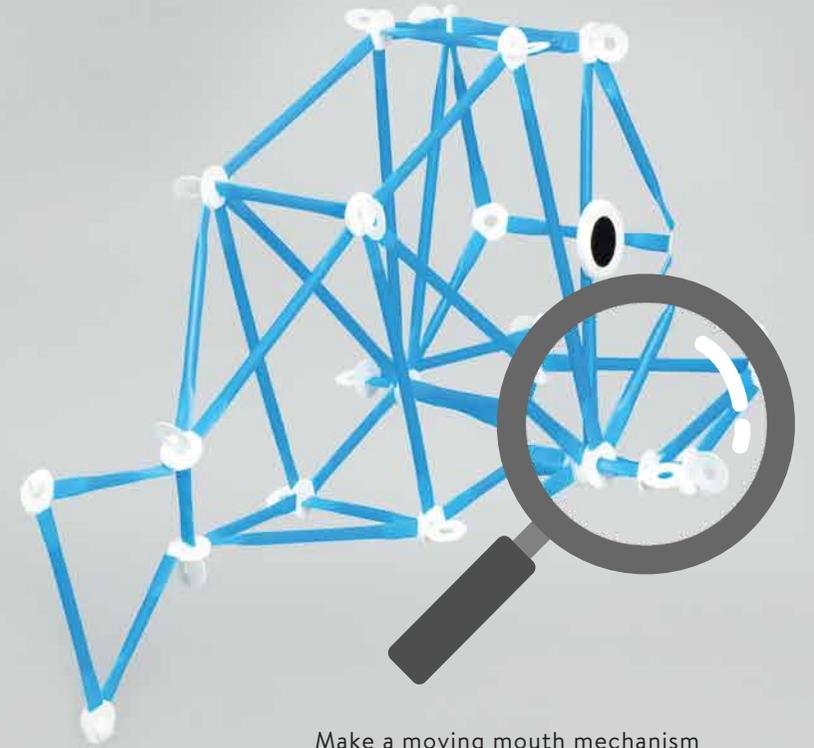
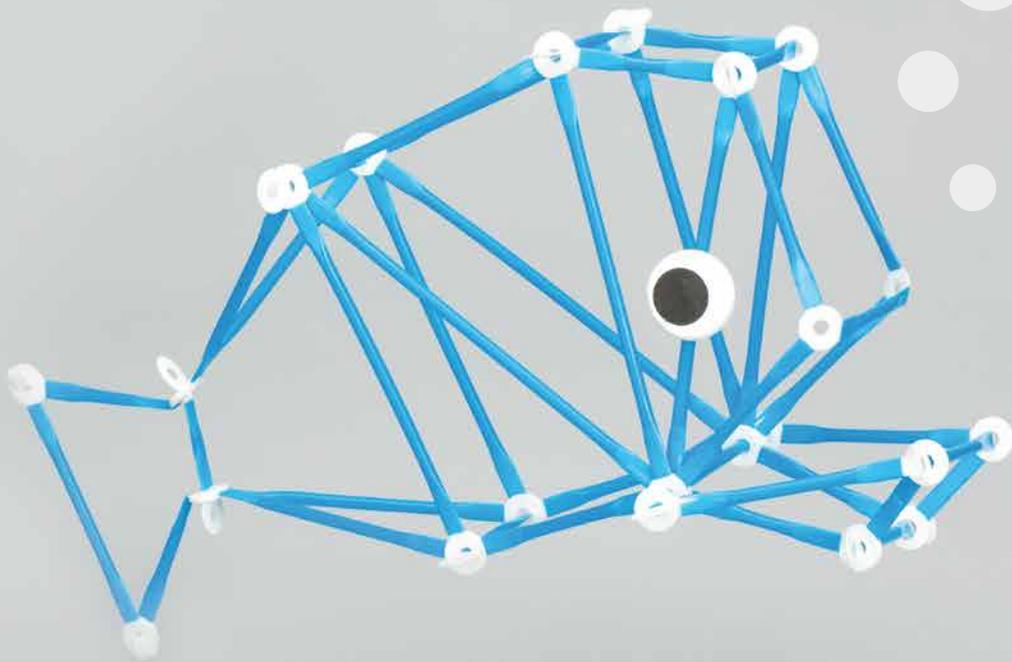


The biggest ears allow for your creature to sense for danger and cool down during a warm day. What are other types of ears and noses can you design for the forest critter to obtain food and avoid danger?



SEAWATER CREATURE

Within the deep depths of the ocean blue is a sea creature of your design! Add fins, flippers, and a tail to help your creature swim through the toughest riptide.

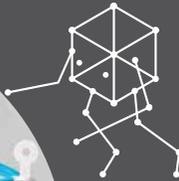


Make a moving mouth mechanism combining hinges and joints on your creature to allow it to feed on smaller creatures! What are other attributes you can add to give your sea creature the ability to travel long distances and catch food underwater?





MORE FROM THE STRAWBEES UNIVERSE



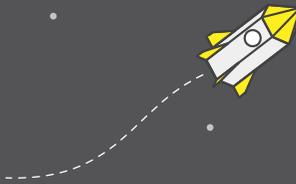
CODING&ROBOTICS KIT

The perfect kit to learn electronics, mechanics and programming.



IMAGINATION KIT

Stimulate your creativity with storytelling and problem solving challenges!



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