

Create a Critter

Structures and Functions

Design a model of a plant or animal with a structure or function to help it survive and grow.



Think like a scientist:

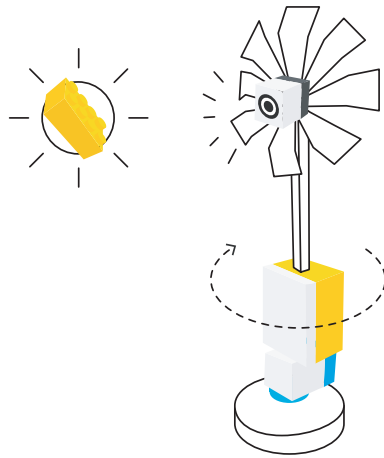
What structure or function could a plant have to help it grow?

What structures or functions could an animal have to keep it safe from predators?

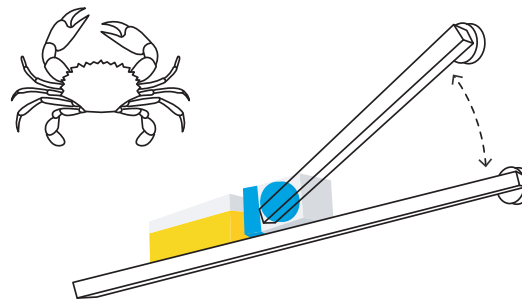


Example Ideas

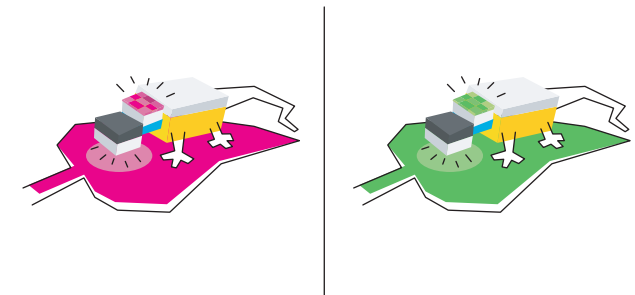
What structures or functions can help your plant or animal to survive and grow?



Grow toward the sun to get more light.



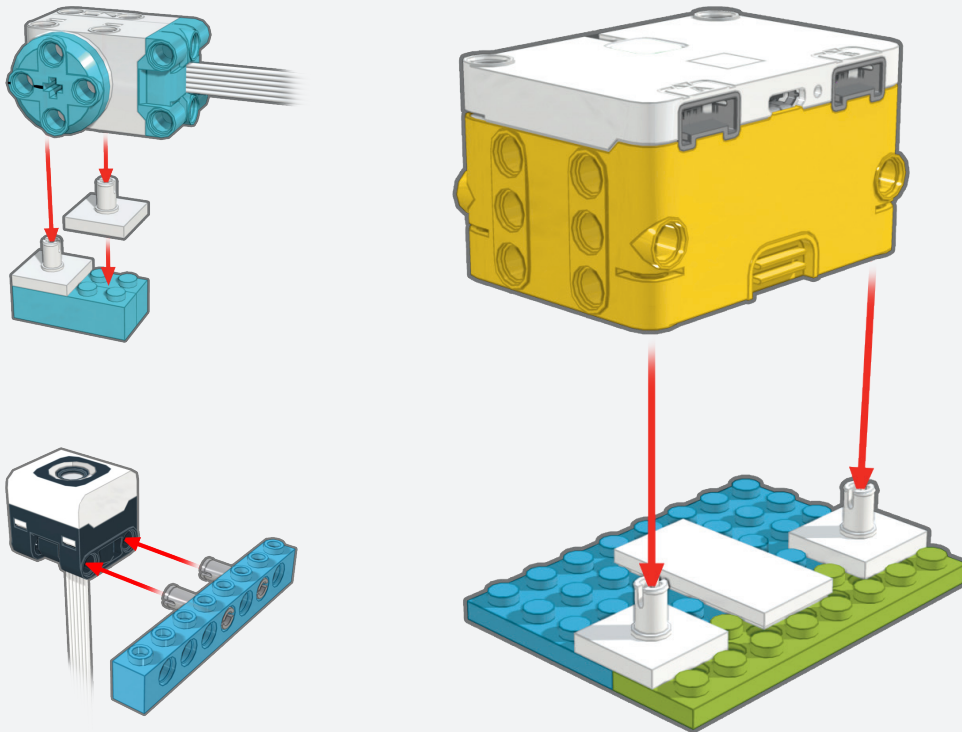
Pinch to catch food.



Camouflage to hide from predators.

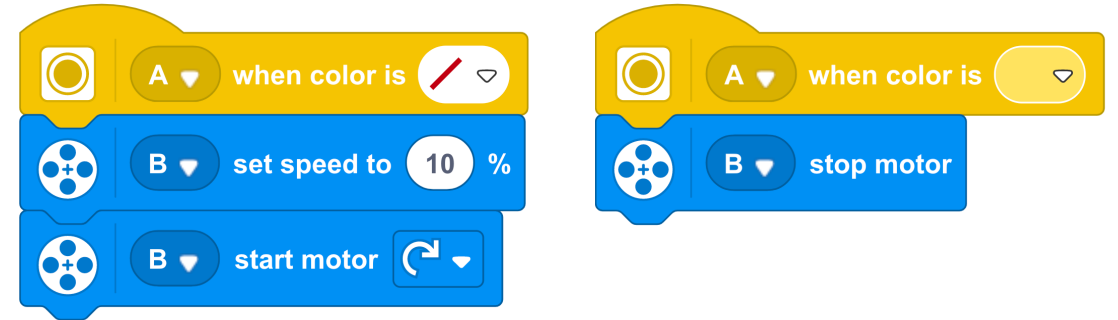
Build it!

How will you attach a motor or sensor to your plant or animal model?



Code it!

Sample program for the flower:



Describe it!

What happens when the flower "sees" a yellow brick?

Modify it!

How can you remix the program to make the flower react to different types of weather?

Talk about it!

Describe your plant or animal. Show and explain its special function or mechanism. Why does this function or mechanism help your plant or animal survive and grow?