



## INVENT A PLANT

In 2019, scientists learned about 102 new species of plants and 8 species of fungi. Scientists think that some of the new species may help provide us with new food, materials or medicines. Many of the newly named plants and fungi only live in small areas and are close to extinction. Scientists hope that learning more about them will help their survival.

People like plant scientists also develop new types of plants through breeding. For more than 10,000 years, humans have been changing plants by breeding them for special characteristics. Often, they are trying to produce plants that are more disease resistant and that produce more food.

If you could create a plant, what would it be like?

### INVENT YOUR OWN PLANT

Before you begin, think about the plant you would like to design. Consider all of these questions.

1. Will you make up a new plant or adapt an existing plant?
2. What will it look like?
3. How tall will it be?
4. What will its flower look like?
5. How many petals will it have?
6. How many leaves will it have?
7. What shape are the leaves?
8. What will its fruit look like?
9. Where would your plant live? What is its habitat?
10. How much space does it need?
11. How has your plant adapted to its environment?
12. What is special about your plant?



### BUILD YOUR PLANT

1. What items do you have around the house that you can use to build your plant?
2. Collect your materials.
3. Find a spot where you will have enough room to work.
4. Create a model of your plant!