



# Design Your Own Plant Superhero

**Big Idea:** There are many different types of plants. Some types of plants are good at cleaning the air to make it better for us to breathe.

**Explore:** Below are three different types of plants. All of these plants are good at cleaning the air inside your house to get rid of pollutants. Pollutants are small, unhealthy things that can get into the air, sometimes from new rugs or cleaning supplies. These plants breathe in the pollutants when they take in air, making it healthier for us inside.



Peace Lily



Areca Palm



Snake Plant

Look at the three plants above. What do you notice that all of these plants have in common (What color are they? What parts of the plant do you see?) What do all plants need?

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How are these plants different from each other?

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For more *Cyberchase* adventures with plants, watch "Plantasaurus" on [pbskids.org/cyberchase](https://pbskids.org/cyberchase).

Funding for *Cyberchase* is provided by The JPB Foundation, the Heising-Simons Foundation and Ernst & Young LLP. Additional funding is provided by Lynne and Marc Benioff, the Tiger Baron Foundation, Shailaja and Umesh Nagarkatte and Ellen Marcus.

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## Design Your Own Plant Superhero

**Create:** Draw your own plant superhero to help save your family from pollutants in the air!

1. One person will go first. On the “Draw Page,” starting with the top section, draw the head/flower of your plant superhero. Keep your drawing hidden from your partner!

**TIP:** Include some of the things that you noticed about the air-cleaning plants in your drawing.

2. When you are finished, draw two lines that come down a little below the dotted line to show the neck or stem of your superhero.
3. Fold the top half back along the dotted line.
4. Pass the drawing to the next person. Note: Make sure they can't see what you've drawn! They will draw the middle part of your superhero/stem, starting with the lines from the top.
5. When you are finished, draw two lines that come down a little below the dotted line again.
6. Fold the middle section back along the dotted line.
7. Pass the paper back to the first person to draw the bottom/roots of your plant superhero.
8. When you are finished, unfold the paper to see your creation!



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AT-HOME ACTIVITY

## Design Your Own Plant Superhero

**DRAW PAGE**

Take turns drawing your plant superhero on this page. Start with the top section and make sure to draw down just below the dotted line. Fold over the top section when you are done and pass on to the next person for the middle section.

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Fold back here when top section is done.

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Fold back here when middle section is done.

(continued on page 4)

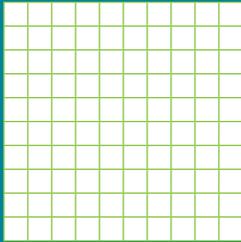
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# Design Your Own Plant Superhero

**Reflect:** If one plant superhero can clean the air in one 10 x 10 foot room, like this,



[10x10]

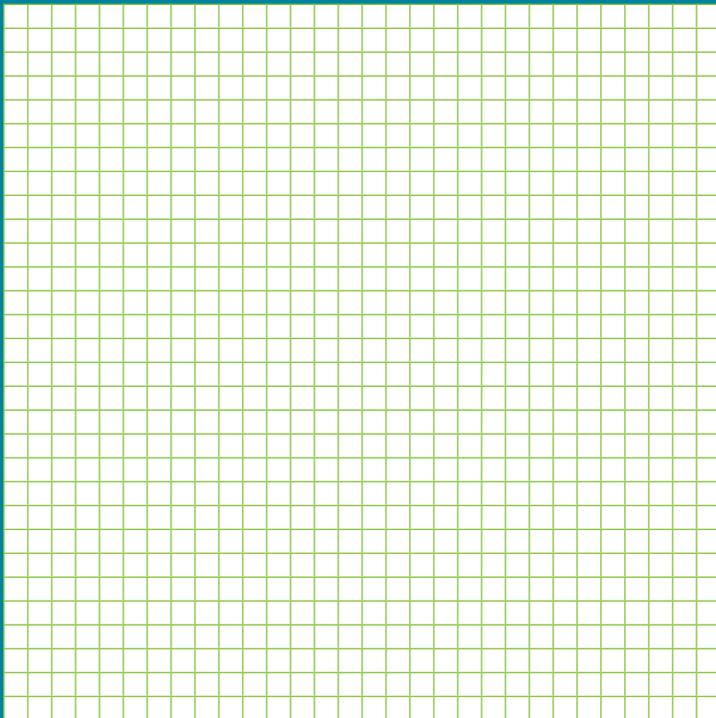
how many plant superheroes would you need to clean a room that was twice as big?



[10x20]

superheroes

What if you had a room that was 9 times as big, a 30 x 30 foot room?



[30x30]

superheroes



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