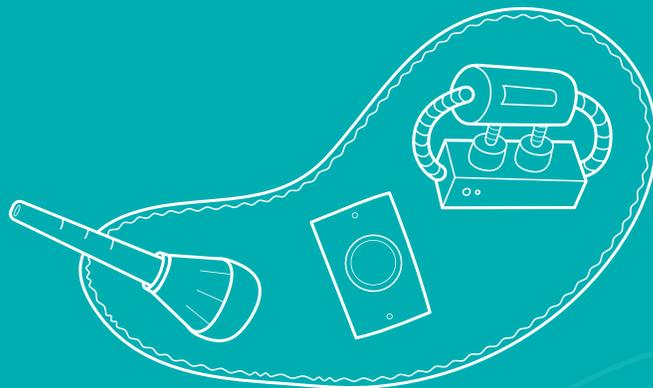


Super Organisms

Design superheroes to tackle tough challenges!



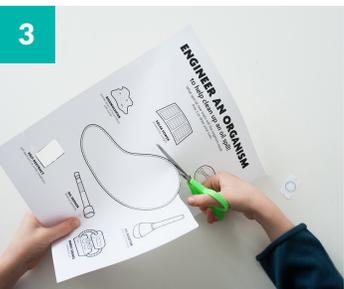
Try this!



1. Someone is falling from a tall building! Design a superhero to save them. Start with a regular human. What special new traits will they need?



2. Add up to three new traits to your human to make them into a superhero. You can cut them out of the worksheet and tape them onto the outline, or draw your own. How do these new features help your superhero save the falling person? Try it out on the background.



3. Oh no! Now there's been an oil spill! Make a tiny, single-celled organism to help clean up the ocean. Start with a bacterium and engineer it so it can do new things. What special traits will your microorganism need to solve this problem?



4. Add up to three new traits to your microorganism to make it into a "super organism." You can cut them out of the worksheet and tape them onto the outline, or draw your own. How do these new features help your super organism clean up the oil spill? Try it out on the background.

Talk about it...

How is designing a superhero similar to or different from building a microorganism to solve a problem?

What could happen if you let your super organism go in the wild? Could anything happen that you didn't plan for?