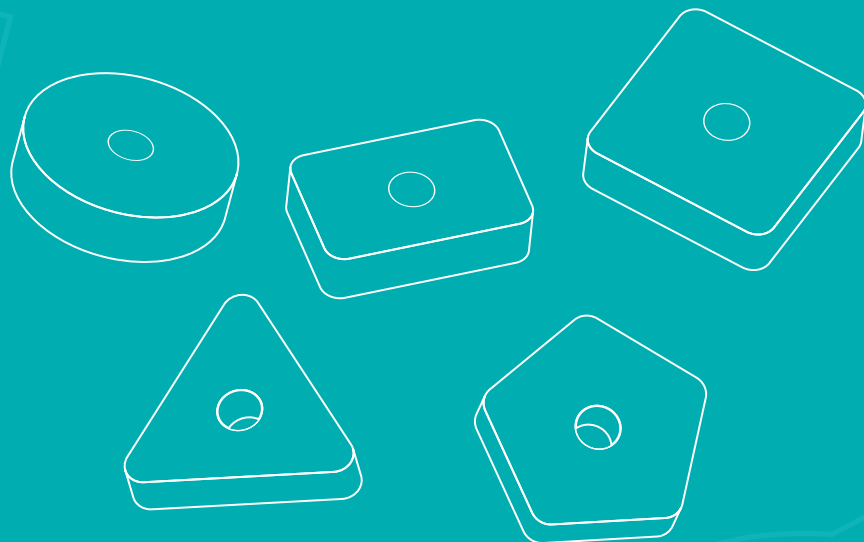


Kit of Parts

Solve big problems
with a tiny toolkit!



Try this!



1. Look through the challenge cards and pick one. Turn it over and read about it.



2. Use the colored blocks to complete the challenge on the card. The blocks represent biological parts made of genes that can do different things. They stack onto a wooden stand, which represents an empty cell.

Think about which genetic parts to use. How do they work together to help solve the problem?



3. Now, pick a different challenge card. Do you need different genetic parts to solve this problem? Can you reuse any parts from the last challenge?

Talk about it...

How did you choose which cards to try? Do you think a toolkit of genetic parts is a good solution to those problems?

Scientists are building real toolkits of genetic parts. Do you think these toolkits should be available to everyone, to use for anything they want?

Should anyone be able to own or patent the parts of genetic toolkits?