WHAT MAKES A ROBOT?

POWER + SENSE + ACTION = ROBOT!

1. Carefully cut along the dotted lines around each Cubelet.

2. Visit modrobotics.com/cubelets to learn how each Cubelet contributes to the behavior of your robot!

3. Carefully assemble a robot of your creation on a table or flat surface.

Here is an example of a complete robot that drives and shines a flashlight! Do you see that it has a Battery for power, at least one Sense Cubelet, and at least one Action Cubelet?

4. Ask your parents or teacher to share a photo of your robot on Facebook or Twitter with the hashtag #Cubelets

5. Keep inventing new robots. You don’t have to stop at one!
ADD A THINK CUBELET TO MODIFY BEHAVIOR!

BLOCKER
A Cubelet that can connect independent robots and pass power but not data between them.

INVERSE
Flips the value it encounters - low values become high, and high values become low.

PASSIVE
Transmits power and data like a wire, and can extend and stabilize robots.

HERE ARE SOME EXTRA CUBELETS TO HELP YOU BUILD BIGGER AND BETTER ROBOTS!

LEARN ABOUT CUBELETS ROBOT BLOCKS AT www.modrobotics.com/cubelets