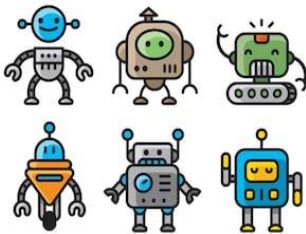


ROBOTS (K-2)

The SCIENCE of ROBOTS:

A **robot** is a machine designed to do work.



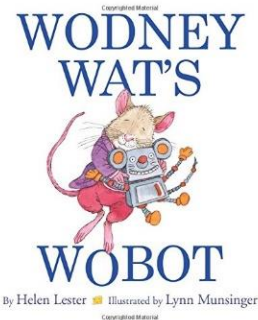
Robots need **controls** or a computer to tell them what to do.

Sensors are the parts that tell the robot about the world around it.



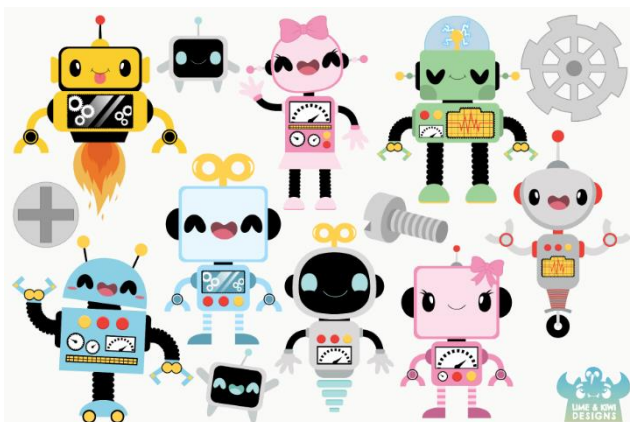
READ:

Wodney Wat is back and this time he has a robot to help him speak! Helen Lester's lovable character returns in [Wodney Wat's Wobot](#) and shows how robots can be very helpful. Don't have the book at home? Find a [read aloud version](#) online.



ACTIVITY: DESIGN a ROBOT

Materials: paper and pencil OR do the activity online through FREE and safe sites, including ABCya's game [Make-a-Robot](#).



1. Decide what you want the robot to DO – it needs a job!
2. Think about what the robot will need to do those jobs – a removable pencil-hand for homework? A popcorn maker in the body? Rockets on the feet so it can fly?
3. Make sure your robot has a control, moving machine parts and a sensor.

For examples of robots in action, watch the video at: [Robot STEM Activity](#)

This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stories & STEM projects to csharkey@literacyabc.org