4-H Program: Robotics with EV3



Cloverbuds

NAME: _____ AGE: _____

CLUB: _____DATE: _____

ADDRESS: _____

EMAIL: _____

PARENT SIGNATURE: _____

LEADER SIGNATURE: _____

YOU AND YOUR ROBOTICS PROJECT

What were your goals for this project?

1. _____

_____

_____

_____

2. _____

_____

_____

_____

Where have you seen robots?

1. _____

_____

2. _____

_____

3. _____

_____

What did you do in this project?

1. _____

   _____

2. _____

   _____

3. _____

   _____

Pictures of my project(s).

What is a Robot?



Robots can be made from lots of different things, like metal or plastic. We use robots to do jobs, like making small parts in factories. We also use robots to do dangerous jobs that humans could be injured doing, like picking up heavy objects or driving around on mars. Unlike in movies and TV shows, robots can't actually think for themselves.

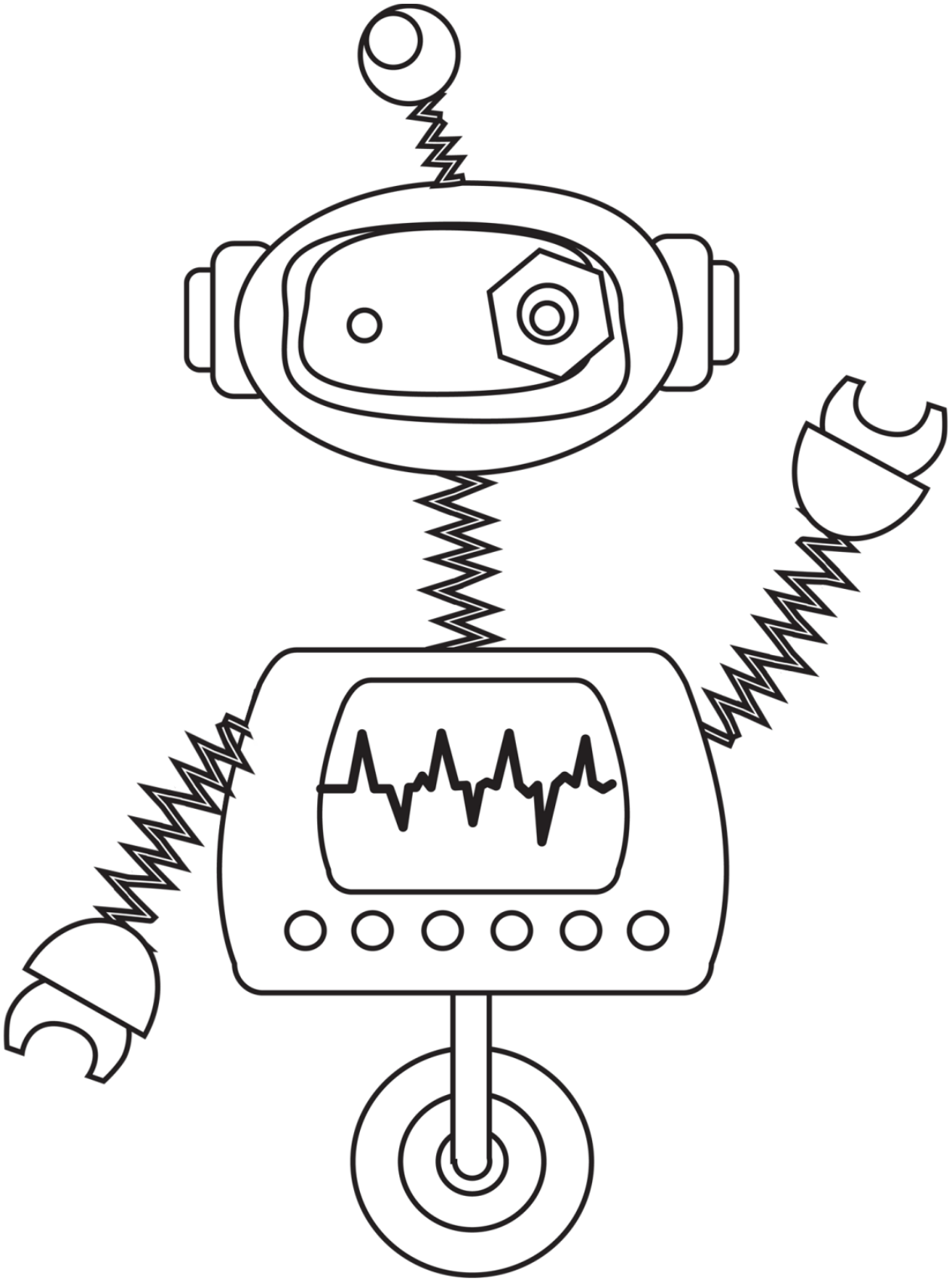
Circle the robots. Cross-out the non-robots.

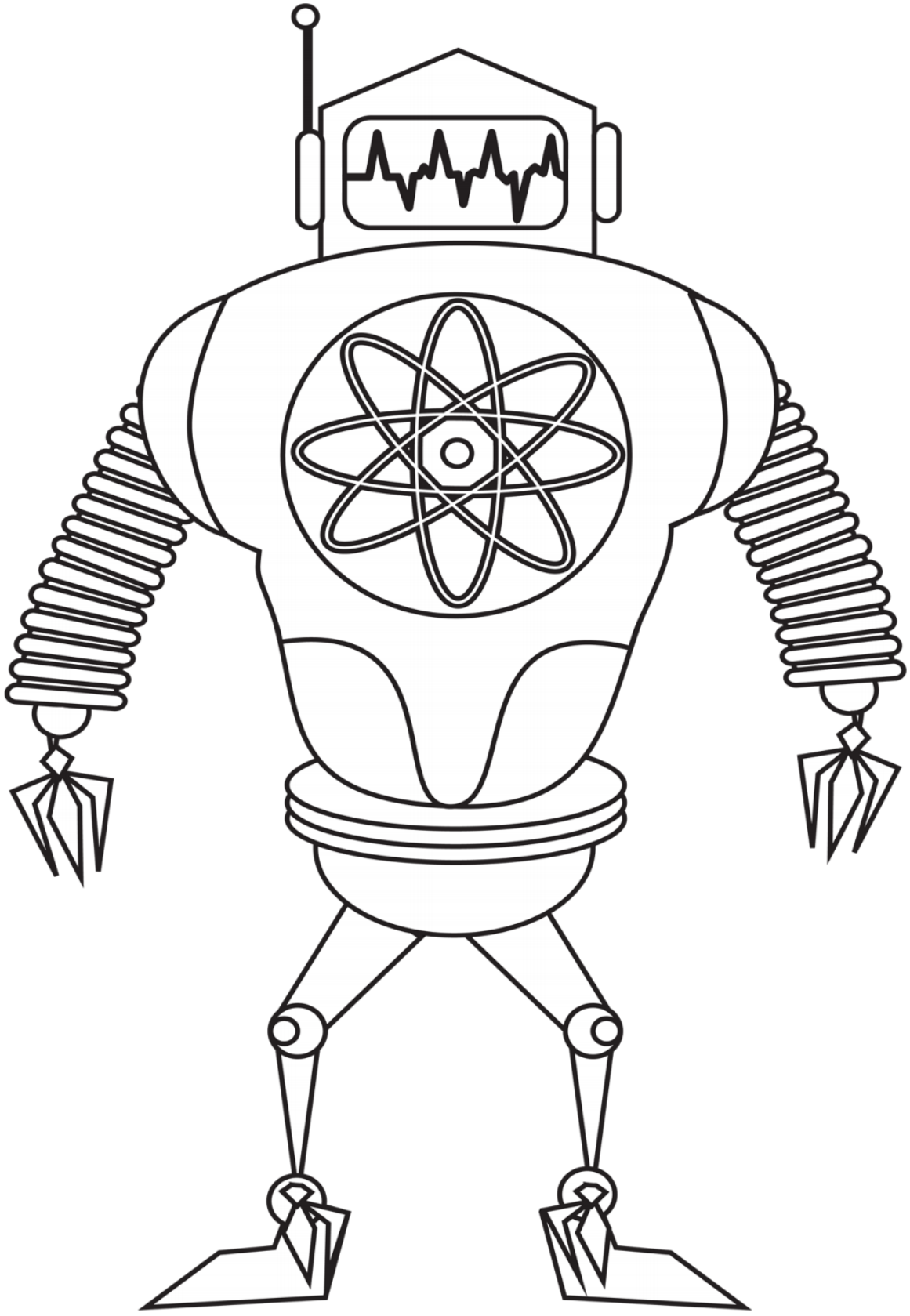






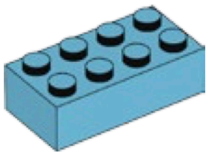




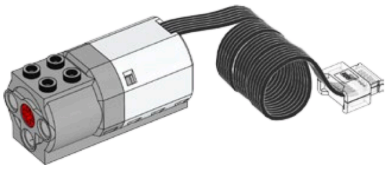


What's What

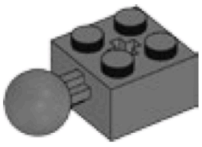
Match the LEGO piece to its name.



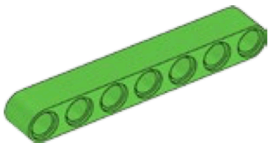
7-modules TECHNIC Beam



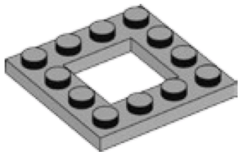
4x4 Frame Plate



2x4 Brick



Motor



2x2 Brick with 1 Ball Joint

LEGO Mini-Build

Draw or add a picture of your LEGO mini-build of your LEGO robot below.

