

Using the Interactive Parts Poster, name the part being described.

1. Can be connected to the Brain, and allow you to power your IQ builds.
2. A stretchable band that is used in a variety of ways in IQ builds, such as creating power or to link Pulleys together.
3. Connect two pieces but leave a space in between.
4. Come in a variety of orientations, allowing for a nearly endless number of options to create three-dimensional designs connecting Beams, Plates and other components. These are 2x wide.
5. Create angles at 30, 45, 60, or 90 degrees
6. Detects if there is an object present and the color of the object.
7. Flat pieces with varying lengths, and are 3 or 4 holes in width.
8. A combination of a beam and gear. The square hole will fit a shaft to allow the beam to rotate, and additional holes for standard connections.

Why is it important to know the proper names of the robotic pieces?

## **Answers**

1. Motor
2. Rubber Band
3. Pitch Standoff
4. Corner Connector 2x wide
5. Angle Beam 2
6. Optical Sensor
7. Plates
8. Crank 23 Tooth Gear