



How do Humans  
Compare with Robots?

Grade 5

# How do **Humans** Compare with **Robots**?

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**Humans** have a brain to process information and make decisions.

**Robots** also have a brain, it's a computer brain made up electrical circuits

**Humans** have muscles and tendons to help us move.

**Robots** can have motors that make them move

**Humans** have joints, bones and cartilage that help us make complicated movements

**Robots** are made up of mechanical parts like gears, pulleys and other mechanisms

**Humans** eat food to gain energy and our systems sends signals back and forth to our senses

**Robots** have a power source and send electricity back and forth to its inputs and outputs

**Humans** have 5 senses: sight, touch, hearing, taste and smell

**Robots** have sensors that allow information to pass to and from their environment

## Making Connections

Identify the main parts that make up a robot and connect to the human equivalent with a line.

### **ROBOT**

Solar, Battery, Electrical

Motors

CPU/Computer

Sensors - Camera, Microphone

Grippers, Torch, Tweezers

### **HUMAN**

Muscles, Tendons

Brain

Food

Hand

Senses

