

Name: _____ Date: _____

Aim: How are our brains like computers?

Your brain is the controller for your body. What do you think this means?

- Brain controls all other functions
- Brain sends messages to the different parts of the body

In what way is a brain similar to a computer?

- The brain processes and interprets information
- The brain tells the rest of the body what to do

Computers are not as intelligent as your brain. This is a common thought from just about all modern computer scientists. Why do you think this is?

- Computers still don't have empathy or feelings
- Computers don't have true artificial intelligence yet

We have the technology to build a computer device for every neuron in the brain. Why do you think this still would not create a robot that is exactly like a human?

- Empathy/feelings are very difficult to program

VIDEO: Next Generation Robots - Boston Dynamics, Asimo, Da Vinci, SoFi

https://www.youtube.com/watch?v=8vIT2da6N_o

What are the pros and cons of having robots in our future?

Pros:

- efficiency
- speed in doing things
- possibly cheaper?
- employers won't have to pay salaries

Cons:

- they could "turn on you"
- bad for environment (made with fossil fuels?)
- they will take away jobs

VIDEO: 10 ways robots can transform our future: <https://blog.robotiq.com/10-ways-robotics-could-transform-our-future>

Which do you think are most realistic?

Answers will vary

Which are not realistic?

Answers will vary

SHOWBOTICS: The Jimmy Fallon Show!
https://www.youtube.com/watch?v=Bg_tJvCA8zw