TECHWISE ACADEMY

Week 6

WHAT IS PATTERN RECOGNITION?

Pattern Recognition is finding similarities between data sets
Examples: Music/songs, daily routines

REAL LIFE APPLICATION/ CONNECTION:

As adults, we frequently utilize pattern recognition, sometimes automatically. For instance, consider traffic lights: we can estimate when our light will change to green based on the pattern of the lights. Additionally, experts in the automotive and medical sectors rely on pattern recognition to identify problems in vehicles and interpret symptoms. In general, pattern recognition aids in streamlining problems-solving processes and gaining a deeper insight into intricate details.

HOW DID WE PRACTICE THIS SKILL?

- Lego WeDo
  - Students built and programmed a hunting shark. This build used the motion sensor, the brain, and a motor.

CONTINUE LEARNING:

- Have a discussion with your child about the process of building and programming Legos (what was hard/easy, what were they most proud of, etc.)
- Gather objects around the house and see if your child could identify patterns.
  EX: planes, Superman, and ladybugs all fly

https://bit.ly/3PDMyB9