

## What is Technology?



- Technology: the devices and systems that humans create to satisfy wants and needs.
- Computers are technology, but so are spoons!



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# **Mechanical Toys**



## Middle or high school level activity Science concepts may

- Science concepts may include force, power, types of motion, potential and kinetic energy, etc.
- Math concepts may include ratios, time, measurement, etc.

# Mechanical Toys

Activity #1:

- Analyze the control mechanism of a mechanical toy
   Activity #2:
- Design and make a mechanical toy mechanism using LEGOs





# Airplanes Middle or high school level activity Science concepts may include Bernoulli's principle, forces, center of gravity, etc. Math concepts may include ratios, speed calculations, etc.

# AirplanesActivityConstructionDesign and make an<br/>"aerobatic" glider using<br/>paper, tape, and paper<br/>olips



# **Making Other Connections**



# The Collateral Curriculum What connections to

other areas of study could be made within the themes explored today?

• What other "rich" themes could provide students with these types of learning experiences?