FAMILIAR MACHINES

KEY IDEAS

- People rely on machines to make tasks easier to do
- Machines transfer energy from one part of a machine to another to get tasks done
- Machines use ramps, levers, pulleys, and/or gears, enabling larger loads to moved requiring less energy

EXAMPLE QUESTIONS

- How are machines useful?
- What do we use machines for?
- How do machines make tasks easier to do?

MACHINES MAKE TASKS EASIER

- Machines are devices that are designed and used by people to make jobs easier.
- Some examples of machines are lawnmowers, sewing machines and computers.

MACHINES AND DEVICES ARE ALWAYS BEING DESIGNED AND IMPROVED

- Humans have come to rely on machines to make tasks easier.
- Early machines were levers, ramps, pulleys and other simple tools.
- Today, many machines have become highly sophisticated and often complex.
- Designs of older machines are always being improved and adapted if they:
- Do the job for which they were designed more efficiently
- Are easier to use

- Use less energy
- Require less human effort
- Are more accurate in what they do
- Are affordable

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