

Science Review — Simple Machines All Around Us

Base Sheet

Activity Sheet

The child reviews all four simple machines learned (lever, inclined plane, wheel and axle, pulley) by going on a simple machine hunt, identifying examples in their home and environment, and classifying each by type.

What You Need:

- Simple machine photo cards
- Recording chart
- Pencil
- Clipboard for walking around
- Drawing paper for dream machine design

Steps:

1. 'We learned four simple machines this quarter. Can you name them all?'
2. Review each with a quick demonstration or photo:
 - Lever: seesaw, scissors, bottle opener
 - Inclined plane: ramp, slide, stairs
 - Wheel and axle: doorknob, bicycle, wagon
 - Pulley: flagpole, blinds, crane
3. 'Now let us go on a SIMPLE MACHINE HUNT! Walk through the house and find examples of each type.'
4. Child records each find on a chart: Object | Type of Simple Machine | How It Helps
5. Challenge: some objects use MULTIPLE simple machines. A bicycle has wheels AND levers (brakes)!
6. If you could design a machine that uses ALL four simple machines, what would it do?
7. Child draws their dream machine and labels the simple machines in it.

Work Space:

A large, dashed rectangular box with a thin brown border, designed to look like a frame for drawing. It occupies most of the page below the 'Work Space:' heading.

Montessori Homeschool • Print on US Letter (8.5 x 11") • Activity sheet — print on standard paper