

Mining Technology: Simple Machines

Welcome to the mining machine lab. Today, we're going to learn about some of the machines we use in mining, who uses them, what they do, and how they work!

Start by choosing a machine. Circle the one you want to learn more about:

- I. Drills
- II. Excavators
- III. Front-End Loaders
- IV. Haul Trucks
- V. Rock Trucks

Read over the one-pager about your machine.

- 1. How many simple machines can you see being used? _____
- 2. Can you name those simple machines? The options are screw, wheel and axle, inclined plane, wedge, pulley, and lever.

- 3. Draw a picture of your machine and label the simple machines in it.



4. Choose one simple machine that you see in the mine machine that you chose. Describe what the simple machine does in the machine that helps it do its job.

5. What role does your machine play in a mine?
