Tools Push and Pull

Steps

1. Put a cup on the floor. Fill it with rocks. Tie a string to the handle. Make the cup move up.

2. Work Together Make a pulley. Slide a spool onto a pencil. Tape one end of the pencil to the edge of a table. Stretch the string from the cup over the spool.

3. Use the pulley to make the cup move up.

4. Record Data Draw a series of pictures to show how you moved the cup each time.
Think and Share

1. **Infer** What kind of force did you use to move the cup of rocks?

2. **Compare** How did the pulley change the force?

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**Ask Questions**

What are some other tools that can help move objects? Ask someone who knows about tools. **Communicate** what you learn with others.