Leprechaun Trap Project

\*\*\*\* Due Friday, March 13th \*\*\*

We have been studying six simple machines in science.

**They are:**

1. inclined plane
2. wedge
3. wheel and axle (including gears),
4. lever
5. pulley
6. screw

**What**

Students will make or draw a leprechaun trap that includes two simple machines. Be creative and use your imagination! Your project should be small enough to fit on your desk and not have perishable items. Fill out the report form telling about your invention using complete sentences. You must write this information yourself. You will present your invention to the class.

**How**

You may use any materials that you wish to make your project (wood, cardboard, glue, string, plastic bottles, etc). If you use Legos, K’necs, etc., you must make something that is your own creation not something from a kit. Use materials you have at home. It is most fun for the kids to do this by using things you have around your house. There is NO need to spend money on this project.

Grade: Your grade will be in three parts:

1. The project itself

(neatness, follows the assignment)

2. The worksheet questions answered in complete sentences with legible handwriting

3. The class presentation

(Explain what you did in a clear way and a loud voice and identify the simple machines used.)

Parents may help with things like sawing and drilling or anything that isn’t safe for kids to do, but this should be YOUR CHILD’S idea and most of the WORK should be THEIRS. Have fun with this! If you have any questions, be sure to ask me.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# SIMPLE MACHINES REPORT

**Circle all of the simple machine(s) you used – at least 2**

inclined plane

wedge

wheel and axle (including gears),

lever

pulley

screw

**How does it work?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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