



Leprechaun Trap

Simple Machine Project

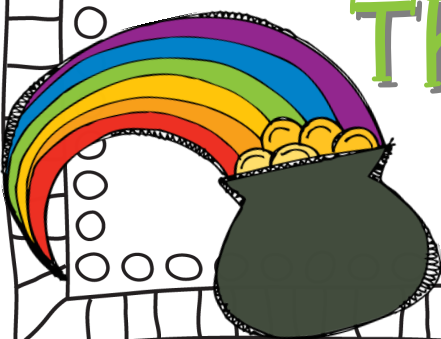
It will soon be St. Patrick's Day and those pesky leprechauns will be up to their old tricks! Leprechauns like to sneak around, make messes, and play tricks on people! This year, we are going to try to outsmart those sneaky little guys!

Your job is to build a leprechaun trap, so we can try to catch one! Remember, leprechauns are tricky creatures, so our traps will need to be clever! Your trap must be unique and original. You do not need to buy any materials to create it. Use things around the house, such as: a shoebox, cereal box, etc. Leprechauns are attracted to the color green and love shiny things! Construction paper, glitter, and crayons or markers can also be used.

Your leprechaun trap must have at least one of the six simple machines we've learned about in class: lever, wheel and axle, pulley, inclined plane, wedge, and screw. Along with your project, you will need to turn in your "Leprechaun Trap Fact Sheet"

We will be setting up our traps so please be sure it is completed and returned to school by _____! Have fun working to create an original trap and use your imagination! I can't wait to see the amazing ideas you come up with!

Thank you and good luck!





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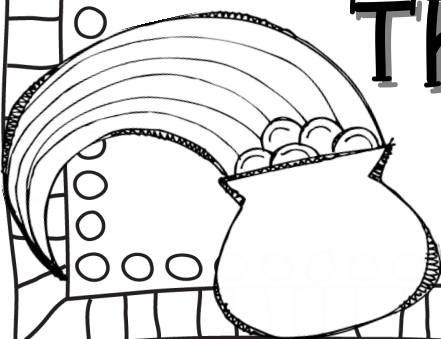
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Leprechaun Trap

Fact Sheet

Name: _____

Answer all questions in complete sentences.

1. What is the name of your trap?

2. Describe how your trap will catch a leprechaun.

3. What materials did you use to make your trap?

4. What type of simple machine does your trap have? If it is made up of more than one simple machine, list all of them.

5. How does the simple machine(s) make work easier in your trap?



Leprechaun Trap

Rubric

Name: _____

Task	Total Points
Explanation of Leprechaun Trap Did you include all steps of how your trap works? Does your explanation make sense? Did you answer in complete sentences?	_____/20
Explanation of Materials Used Did you remember to include all materials in your trap? Did you answer in complete sentences?	_____/20
Explanation of Simple Machine(s) Does your explanation make sense? Did you answer in complete sentences?	_____/20
Made with at least one Simple Machine	_____/20
Effort/Creativity Did you do your best work? Are your ideas for your trap all your own?	_____/20
Final Grade	

Comments:
