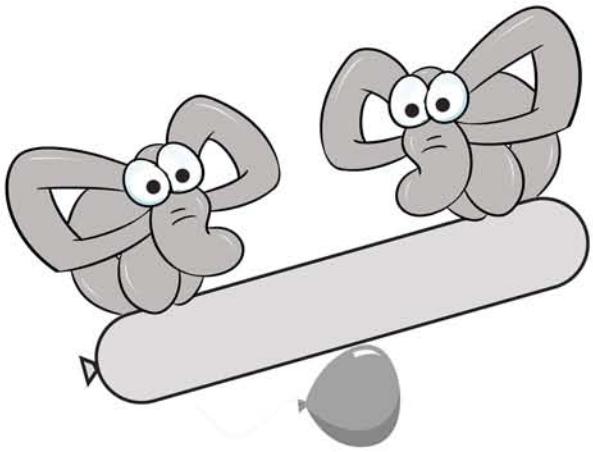
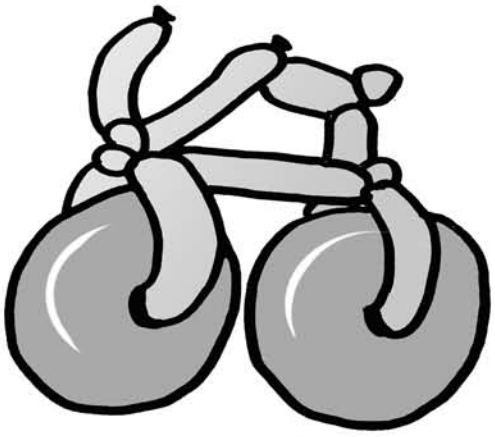
MOUSE TRAP BALLOON SHOW

Classroom worksheet



1. Two elephants playing on a see-saw are using a _____ and a _____

2. A Fishing pole is an example of a _____



3. A wheel on a bike needs an _____to make it work,

4. A flagpole uses a _____ to raise the flag to the top of the pole.

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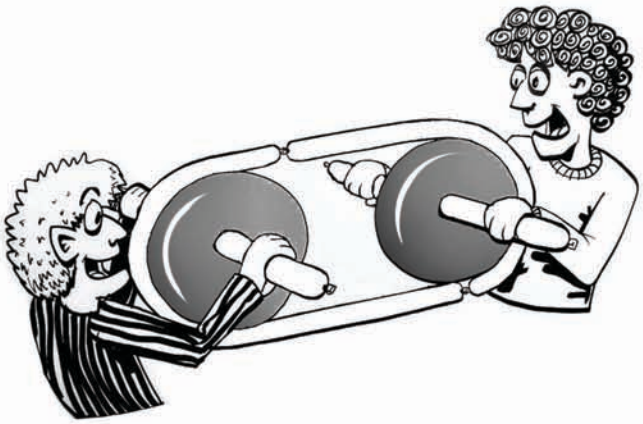
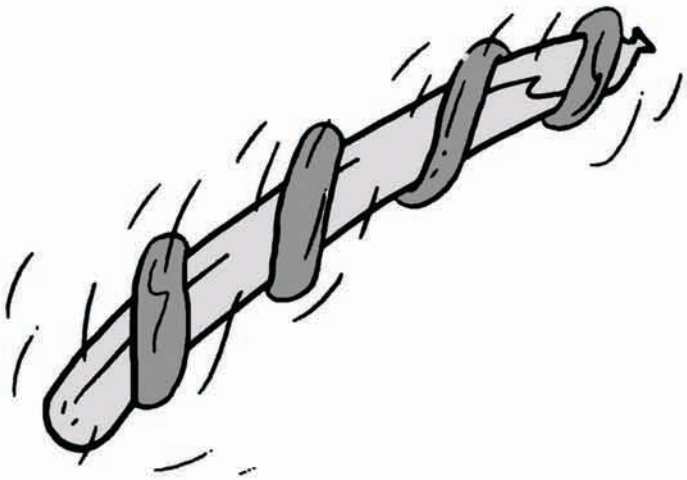


5. We might use a _____ _____ to move something from one place to another.

6. We use an _____ _____ to move something slowly from one level to another.



7. As the screw flies, _____ molecules move up the sides of the balloon, forcing it to turn.

8. Air is stored inside this balloon as fuel. When the air is released, the fuel is converted into the _____ needed to move the balloon..

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Taking it to the next level

Look around you. What machines do you see?

In the classroom? On the playground?

On the way home? At home?

What problems are they designed to solve?

How would you solve them differently?

Design your own machine!

What problem would you solve?

What would the machine look like?

What materials would you use?

What simple machines would you combine to make the bigger machine?

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ANSWERS

1 Lever Fulcrum

2 Lever

3 Axel

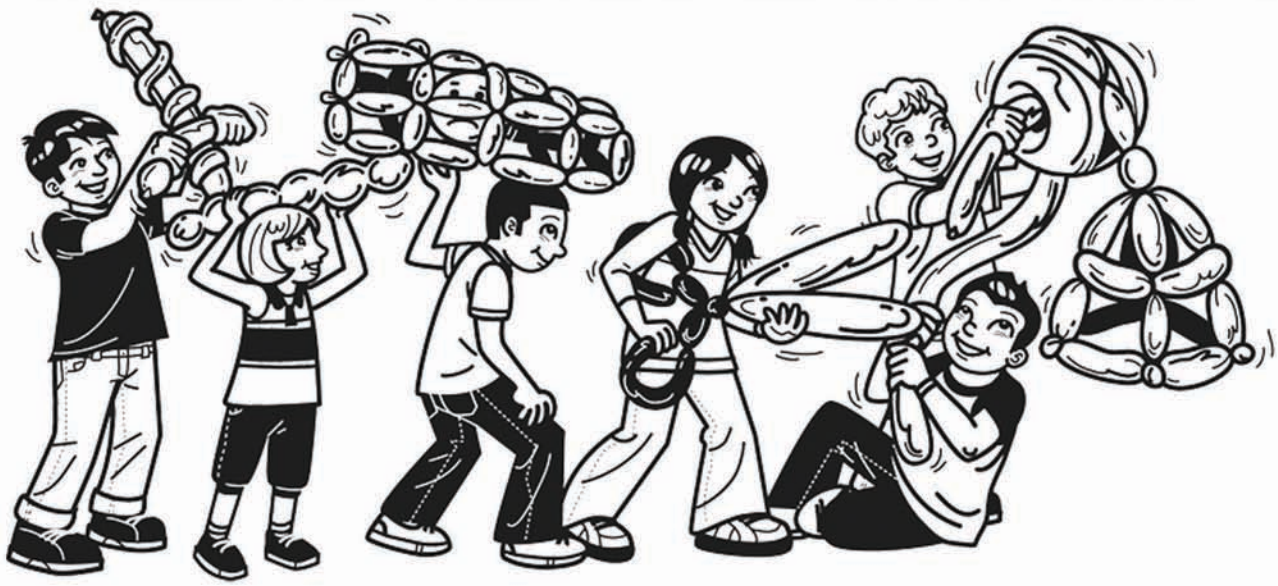
4 Pulley

5 Pulley System

6 Inclined Plane

7 Air

8 Energy



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