

Name _____

THE WHEEL

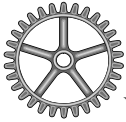
Could you imagine how difficult your life would be if the wheel had not been invented? Many big and little machines use wheels. Some machines are so simple that you wouldn't even think of them as being a machine. Did you know a wheel is a simple machine?

What if the wheel was square like this?

Draw a square wheel.

Draw a round wheel.

Isn't it great that wheels are round like this?



What kind of wheel is this? _____

It is used in many machines. Write in the box some examples of machines, which use this type of wheel.

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Some other simple machines are axles, pulleys, levers, wedges and screws.

What machine would use an axle? _____

What machine would use a pulley? _____

Imagine you have just invented the round wheel (**design and build a round wheel using natural or recycled materials**) and now you have to convince many important people the advantages of a round wheel opposed to the square wheel. Make a list of the advantages of a round wheel opposed to the square wheel. When you have finished your list, prepare a speech which you are going to deliver to some important people. (E.g. Your class or your teacher)

Advantages round wheel	Disadvantages square wheel