

Name: _____ Date: _____

Simple and Complex Machines Research Topics

From the list below, you will be researching an invention which has changed history in some way. There are questions you will need to answer by doing research in the library or on the internet.

clock bow/arrow water wheel for mill knife axe chisel door hinge

‘block’(pulley) on sailing ship coil spring on clock, toy, or mousetrap

pliers scissors nail screw propeller(for boat or airplane)

sewing machine steam engine gasoline engine

Please answer the following questions or complete the tasks found below. You may use these sheets for your work.

1. What is your machine?: _____

What simple machines are used in your machine (draw a diagram if you need to):

2. Using the library or internet, research your machine.

When was it invented? _____

Who invented your machine? _____

What is your machine used for? _____

Write down the names of the books or websites you used: _____

3. How has your machine helped people do work? _____

4. Were there any inventions of materials or other machines which were needed before your machine could be invented or improved? For example, the discovery of copper made stone knives obsolete.

5. Make a model or do a detailed drawing of your machine. Be sure to include the information you researched. Don't forget to put your name and section on your project!