The purpose of this webquest is to assist you in doing your research on simple machines. All you have to do is go to the Questions page and click on each questions. Clicking on the question will take you to a page that will have the answer to that question. You have to read to find the answer. When you are done with the questions move on to vocabulary. Pay attention and read carefully the answer must be found.

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| **Complete Questions on a separate sheet of PAPER**    Each question is linked to a webpage that has the answer. You must read the text in order to find the questions. When you find the answer record it on a separate sheet of paper. | **Complete Vocabulary in NOTEBOOK**   Define each of the following words. READ PAGE 118-128 in your textbook for Vocabulary Words. |
| * 1)[What are the six classes of simple machines?](http://www.irc.vbschools.com/fortheweb/Science/images/SimpleMachines.jpg) * 2)[What are the two families of simple machines?](http://www.ehow.com/info_8028939_two-basic-families-simple-machines.html) * 3)[What simple machines belong to the inclined family?](http://www.ask.com/science/simple-machines-belong-inclined-plane-family-573ef19f82ca3301) * 4)[What simple machines belong to the lever family?](http://www.ehow.com/info_8028939_two-basic-families-simple-machines.html) * 5)[What does the word “work” mean in science?](http://scienceforkids.kidipede.com/physics/machines/work.htm) * [6](http://scienceforkids.kidipede.com/physics/machines/work.htm))[What is the formula (mathematical equation) for work?](http://www2.franciscan.edu/academic/mathsci/mathscienceintegation/MathScienceIntegation-1011.htm) * 7)[What is the mechanical advantage of using simple machines?](http://www.edinformatics.com/math_science/simple_machines/mechanical_advantage.htm" \o ") * 8)[What are the three types of levers? Give two examples for each](http://www.enchantedlearning.com/physics/machines/Levers.shtml" \o ") * 9)[What are the three types of Pulley?](http://www.tooter4kids.com/Simple_Machines/pulley.htm" \o ") * 10)[What are the advantages and disadvantages for each type of pulley?](http://www.tooter4kids.com/Simple_Machines/pulley.htm) * 11) [What is an inclined plane? Give three examples](http://scienceforkids.kidipede.com/physics/machines/inclinedplane.htm) * 12) [How are a wedge, an inclined plane and screw related?](http://www.skwirk.com/p-c_s-4_u-308_t-757_c-2849/inclined-planes-wedges-and-screws/nsw/inclined-planes-wedges-and-screws/force-and-motion/machines) | * 1)Compound Machine * 2)Distance * 3)Force * 4)Gears * 5)Inclined plane * 6)Lever * 7)Pulley * 8)Screw * 9)Simple machines * 10) Wedge * 11) Wheel and axle |