

February 25, 2010

Dear 4th Grade Parents,

Your child is in the process of studying simple machines in Science. Each student has been asked to do a machine project, which consists of constructing a simple or compound machine. The machine should be made out of things that can be found around the house, such as wood, paper, cardboard, etc. I do not want your child to construct their machine entirely out of Lego's or similar construction sets, however, if they need to use some of these types of pieces in their machine that is fine. Also, please do not use pre-made kits. Encourage your child to use their imagination.

We have discussed this project quite extensively in class, so your child should have some ideas to get them started. Finished projects are due Tuesday, March 23. Please do not send them to school any earlier than Monday, March 22.

Each student will be asked to point out the simple machine(s) used in their project, as well as demonstrate and explain how the machine works. They will present this to the 4th grade and the 3rd grade classes.

The simple machines that we are studying include:

- | | |
|--------------------------------------|----------------|
| lever | inclined plane |
| wheel and axle | screw |
| pulley | wedge |
| any combination (a compound machine) | |

Thank You,



Karen McDermott
Science Teacher

I have seen the note regarding the MACHINE Science Project.

Student Name and Number

Date

Parent Signature