

P A R E N T N E W S L E T T E R

Welcome to the wonderful world of science! The next few weeks will prove to be an interesting journey for your child as he or she examines Simple Machines. There will be exciting hands on investigations in the classroom and in the Science Lab. Your child will participate in many different activities that will serve as a vehicle for attaining not only scientific concepts but also language skills, math skills and valuable cognitive skills that will contribute to the preparation of students for all curricular areas.

The following Focus Questions will enable you to ask your child questions based on the concepts they learned during each investigation.

Focus Questions:

How can simple machines change the force needed to lift a load?

How does mechanical advantage relate to effort and load forces?

How can simple machines change the force needed to lift a load?

How does the relationship between the fulcrum, effort, and load affect the force needed to lift a load?

How does mechanical advantage relate to effort and load forces and the length of effort and load arms?

Your child will be completing a Student Data Record during the next few weeks. Upon completion of Simple Machines, your child will be bringing their Data Record home. Please take a few minutes and look at and discuss your child's work. If you have any questions about this Core Experience Learning Lab, please write a note or contact me at school. Thank you for your cooperation.

Sincerely,
