

PARENT NEWSLETTER

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 Microscopic Explorations. 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 include science experiments, data collection, educational games, listening comprehension, creating graphs and predicting. The following outline will enable you to ask your child questions based on the concepts they learned during each investigation.

INVESTIGATION 1

Learning About Lenses

INVESTIGATION 2

Investigating Specimens

INVESTIGATION 3

Investigating Animal Cells

INVESTIGATION 4

Investigating Plant Cells

INVESTIGATION 5

Investigating Tissues

Sample Questions:

- How do lenses change the appearance of an object?
- What kind of lenses can be found in a microscope and how do they differ?
- Why are different methods of preparing a specimen necessary?
- What are the difference and similarities you observed between plant and animal cells?
- What clues to a cell or tissue's function can you find from studying its structure?
- Can you give an example of how cells are organized into tissues and how tissues are organized into organs?

Your child will be completing a Scientist Data Record during the next few weeks. Upon completion of Microscopic Explorations, 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.