

# 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 explores the Core Experience Learning Lab, Inheritance and Adaptations. There will be exciting hands-on investigations in the classroom and in the Science Lab. Your child will participate in many different science experiments and educational activities that require data collection, measurement, creating graphs, predicting, listening and reading comprehension. The following outline will enable you to ask your child questions based on the concepts they learned during that investigation.

**INVESTIGATION 1**

Extracting DNA from a Cell

**INVESTIGATION 2**

The Inheritance of Traits

**INVESTIGATION 3**

Incomplete Dominance

**INVESTIGATION 4**

Deciphering the Genetic Code

**INVESTIGATION 5**

Genes and Natural Selection

**Sample Questions:**

- Where is the genetic information of a cell located?
- What is the difference between a dominant and recessive allele?
- Why do two human faces look different?
- How can a mutation affect the function of a protein?
- What is natural selection?

Your child will be completing a Scientist Data Record during the next few weeks. Upon completion of Inheritance and Adaptations, your child will be bringing their Data Record home. Please take a few minutes to 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,

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