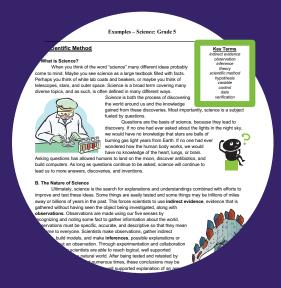


5th Grade Science

Enrichment at Home Curriculum Sample

A Grade Ahead's rigorous, 16-week science enrichment program is designed to challenge your child to a higher academic standard. Our monthly curriculum includes science concepts that your child will see in school. Your child will learn and apply science concepts to real-world situations through experiments and develop strong critical thinking and analytical skills.

Each week will have an in-depth **lesson** (which we call Examples), **homework**, and **answers**. In these next pages, we offer a closer look at what our examples, homework, and answers offer as well as a specific sample of each.

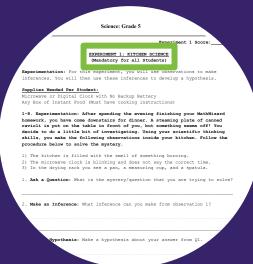


Key Terms

Key Terms are available so that your child can easily find the important concepts of the week.



Lesson pages are titled "Examples - Science: Grade 5," answer pages are titled "Answers - Science: Grade 5," and homework pages are simply titled "Science: Grade 5."



Experiment

The first day of homework will always include a science experiment so that your child can apply concepts from the lesson to everyday life.

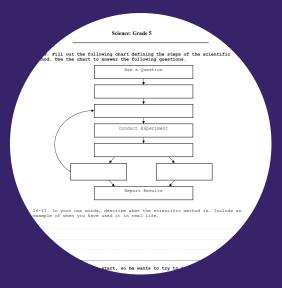
EXPERIMENT 1: KITCHEM SCIENCE (Mendatory for all Students) Experimentation: For this experiment, you will use observations to make inferences. You will then use these inferences to develop a hypothesis. Supplies Needed Per Student: Hicrosver or Digital Clock with No Backup Battery Any Bone of Instant Food (Most have cooking instructions) 1-8. Experimentation: A Irea Spending the evening finishing your MathNizard homework, you have come downstairs for dinner. A steaming plate of canned revolid is put on the table in front of you, but something seems off! You decide to do a little bit of investigating. Using your scientific thinking satils, you make the following observations inside your kitchen. Follow the procedure believ to active the systemy. 1) The kitchen is filled with the small of something burning. 2) The microwave clock is blinking and does not say the correct time. 3) In the daying rack you see a pan, a measuring cup, and a spatula. 1. Ask a Question: What is the mystery/question that you are trying to solve? Make an Inference: What inference can you make from observation 1? **Bypothesis: Make a hypothesis about your answer from Q1.

Experiment 1 Score:

Supplies

We provide a list of supplies so that your child can conduct the experiment. Parent or teacher supervision is always recommended.





Homework

The rest of the homework works on your child's understanding of the specific topics that week. This will be through comprehension, critical thinking questions, and vocabulary exercises.

Answers

Answers are provided to check your child's homework and note which areas may need more work.