



3rd 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.


Examples - Science: Grade 3

Scientific Method

Introduction

Have you ever had a question that you needed answered, but you did not know how to find the answer? For example, imagine that you are the proud owner of four dogs: Shiloh, Chance, Shadow, and Sassy. While sitting next to all of your dogs, you notice that something stinks. You do not dare pick up the dogs because they have been known to bite. You need to find out which dog needs a bath, but you do not know how to find the answer.

In these types of life situations, you need a method to find the answers of questions. The scientific method was created to help answer any question.



B. The Scientific Method

The **scientific method** is the process used to explore any question that is asked. The scientific method is made up of 6 steps.

- 1) Ask a question.
- 2) Create a hypothesis.
- 3) Design an experiment.
- 4) Perform the experiment and record results.
- 5) Study the data and make a conclusion.
- 6) Report the results.

Key Terms

- scientific method
- hypothesis
- experiment
- data
- observation
- conclusion

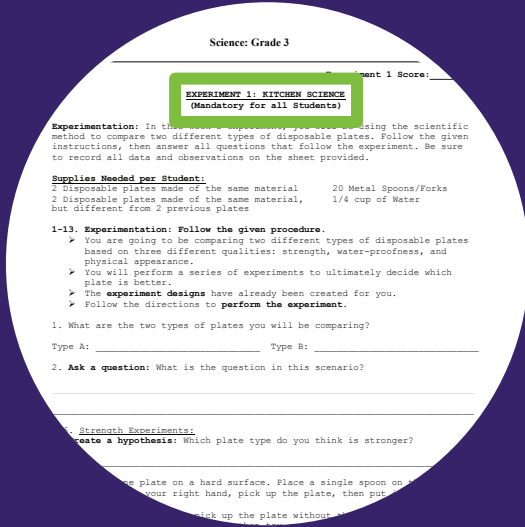
Create a hypothesis Design an Experiment Perform the Experiment and Record Results Study the Data and Make a Conclusion

Key Terms

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

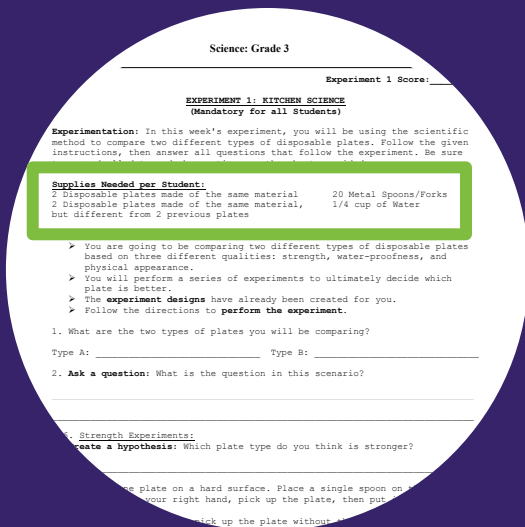


Lesson pages are titled "Examples - Science: Grade 3," answer pages are titled "Answers - Science: Grade 3," and homework pages are simply titled "Science: Grade 3."



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.



Supplies

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

