

First Grade

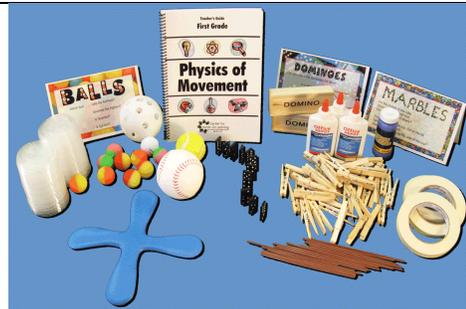
Animals and Plants: This kit is an introduction to the world of living things. After exploring what grows and what doesn't using "Will it Grow?" mats and cotton ball nests, children design simple experiments to find out what plants need to be able to continue to grow. Next, pets are studied to learn what animals need to stay alive. Body parts are studied with some silly twists followed by learning about baby animals and where wild animals live. This kit includes a stand magnifier, fur and feather samples, posters, and a 3-d puzzle to get your classroom "Science Corner" up and running. Students write and illustrate two books to take home in addition to a student booklet where they have recorded all their experimental results. All the plants in the unit grow in "peat pots" which means that there's no soil to spill. The self contained soil stays self contained. This kit comes with everything you need to teach all the lessons to 30 first graders.



Healthy Science 1: Students learn the basics of staying healthy including exercise, good food, safety, and staying well. During each lesson, student record what they've learned or information about their lives and likes in mini books. At the end of the unit, all the books are put inside a "Healthy Me" box -- a keepsake that will be treasured by families for years. This unit provides a great way to emphasize important healthy living. If possible, get your school nurse, P.E. teacher, and cafeteria staff involved (if you do not have that support, don't worry because there's plenty of support in the Teacher's Guide).



Physics of Movement: Students start studying movement by moving themselves and then find out what it takes to start moving, stop moving, and change direction. Next, students are challenged to design and build a toy vehicle that can roll down a ramp. Finally, they explore gravity and design a toy that keeps gravity from winning - for a while. There are several options for assessing your students' understanding of each lesson. Each lesson ends with a rubric that you can use to assess your students' work during class and what they record in their Student Booklet. There are also two versions of formal written assessments included. These can be used as pre/post tests, practice tests, or review. These assessments test your students on the standards covered, not necessarily what they did during the lesson. That way, you can use them to help students connect what they've done with questions that might appear on a standards-based test.



Sky: Students make and use several weather watching tools and learn to use thermometer as they start to keep track of what's happening outside. The night sky is explored as children learn that the Sun isn't the only thing that appears to move across the sky.

We want you to confidently teach all the material. Interesting background information that enhances everyone's understanding of the subject is included in the Teacher's Guide. Also included is suggested "teacher talk." This step-by-step-here's-what-you-say can be helpful if you are unfamiliar with a subject area or unit or if a substitute teacher is teaching the lesson.



States of Matter: Students explore the properties of solids, liquids, and gasses as they develop an understanding of the properties of three states of matter. This kit includes three take home mini-books to provide additional reinforcement
Lesson Kits include:

- Properties of Solids
- Properties of Liquids
- Properties of Gases
- Properties of Matter

