

Dear Teacher:

Welcome to **All About Light**, a **FREE national standards-based program** created to help your students practice **writing** and **reading** while learning about the **science of light**.

Developed by **Scholastic Inc.** and generously sponsored by **GE**, this program encourages students to build their science skills, powers of observation, and understanding of how light affects their lives, in small and big ways, every day!

Included in this program is the **All About Light Contest**—a great opportunity for your students to apply what they've learned in the lessons through a creative writing activity. By entering, your students have the chance to win more than **\$15,000 in U.S. savings bonds and a class visit from an Olympic athlete**. Plus, **you could win a \$250 science grant for your classroom!**

Try these lessons and enjoy the program!

Sincerely,







Steve Palm
Scholastic Inc.



Robert Stuart
GE



National Standards and Benchmarks

National Standards	Benchmarks	Lesson 1	Lesson 2	Lesson 3
 LANGUAGE ARTS: Reading				
Uses the general skills and strategies of the reading process	Establishes a purpose for reading	X	X	X
	Understands level-appropriate reading vocabulary	X	X	X
Uses reading skills and strategies to understand and interpret a variety of informational texts	Knows the defining characteristics of a variety of informational texts		X	
	Summarizes and paraphrases information in texts	X	X	X
 LANGUAGE ARTS: Writing				
Uses the stylistic and rhetorical aspects of writing	Uses descriptive language that clarifies and enhances ideas		X	
	Uses paragraph form in writing		X	
Gathers and uses information for research purposes	Uses multiple representations of information to find information for research topics		X	X
	Uses strategies to gather and record information for research topics	X	X	X
 LANGUAGE ARTS: Listening and Speaking				
Uses listening and speaking strategies for different purposes	Responds to questions and comments	X	X	X
 SCIENCE				
Understands the sources and properties of energy	Knows that light can be reflected, refracted, or absorbed		X	
Understands the nature of scientific inquiry	Knows that scientific investigations involve asking and answering a question and comparing the answer to what scientists already know about the world	X	X	X
	Knows that scientists use different kinds of investigations depending on the questions they are trying to answer	X	X	
	Plans and conducts simple investigations	X	X	X
	Uses appropriate tools and simple equipment to gather scientific data and extend the senses	X	X	X
Understands the nature of scientific knowledge	Knows that although the same scientific investigation may give slightly different results when it is carried out by different persons, or at different times or places, the general evidence collected from the investigation should be replicable by others	X	X	
	Knows that good scientific explanations are based on evidence (observations) and scientific knowledge	X	X	X

Key:

For easy reference, look for these curriculum icons within each lesson.



Reading



Writing



Listening and Speaking



Science