



Broward County Public Schools Videoconference

Reading Rascals

Lesson: Look, See, and Learn
Instructor: Dr. Evelyn Nelson
BECON Distance Learning Teacher

Grade Level: First Grade

Sunshine State Standard: SC.A.1.1 and SC.H.1.1

Benchmark: SC.A.1.1.1, SC.H.1.1.1, and SC.H.1.1.5

Objective(s):

1. Students will be able to describe, classify, and compare objects by their composition and physical properties.
2. Students will use the scientific processes to observe and compare things.
3. Students will use their senses, tools, and instruments to obtain information about their surroundings.

GROUP ACTIVITIES:

- The videoconference instructor will read passages from the books listed below to illustrate a science skill related to the nature of science.
 - Students will perform the interactive activity listed below each book reference.
- Students will work with the instructor to correctly match the science skill with the appropriate statement, using *The Nature of Science* worksheet.

LITERATURE CONNECTION:

Science Skill: Observe.

Book Title: What's Going On?

Author: Rozanne L. Williams **Illustrator:** Gwen Connelly

Publisher: Creative Teaching Press, Cypress, CA (1994)

Summary: Simple text and pictures help children use their senses to solve a mystery.

- *Students will identify their five senses. (Hear, see, smell, taste, and touch)*

Science Skill: Compare.

Book Title: What Do We Need?

Author: Trisha Callella **Photographer:** Michael Jarrett

Publisher: Creative Teaching Press, Cypress, CA (1996)

Summary: Simple text and pictures help children learn what they and their pets need to stay alive

- *Students will compare what our pets need to live with what people need to live. (Water, food, house, and love)*

Science Skill: Sequence.

Book Title: See How It Grows

Author: Kimberlee Graves **Illustrator:** Marilynn Barr

Publisher: Creative Teaching Press, Cypress, CA (1994)

Summary: Simple text and pictures to describe the life cycle of the butterfly.

- *Students will place the stages of the lifecycle of the butterfly in proper sequence.*

Science Skill: Classify.

Book Title: Look at the Leaves

Author: Rachel Griffiths

Publisher: National Geographic Society, Washington, D.C. (2004)

Summary: Simple text and pictures demonstrate sorting leaves by color, shape, and size.

- *Students will identify three ways to classify leaves. (Color, shape, and size)*

Science Skill: Infer.

Book Title: It's Melting

Author: Rozanne L. Williams **Illustrator:** Randy Chewing

Publisher: Creative Teaching Press, Cypress, CA (1994)

Summary: Simple text and pictures describes how matter reacts to heat energy..

- *Students will identify the energy source that melts each item described in the book. (Heat)*

Science Skill: Gather Information.

Book Title: We Need Librarians

Author: Jane S. Bauld

Publisher: Capstone Press, Mankato, MN (2000)

Summary: Simple text and pictures presents librarians and their role in elementary schools.

- *Students will identify at least two ways to gather information. (Computer and books)*

Science Skill: Plan.

Book Title: What's That Noise?

Author: Mary Roennfeldt **Illustrator:** Robert Roennfeldt

Publisher: Orchard Books, New York, NY (1987)

Summary: A zookeeper hears a strange noise at night and searches in vain for its origin.

- *Students will suggest a plan to find out what is making the noise. (List steps in the plan)*

Science Skill: Make models.

Book Title: 101 Science Poems & Songs for Young Learners

Author: Meish Goldish

Publisher: Scholastic Professional Books, New York, NY (1996)

Summary: Poems and songs to reinforce science concepts.

- *Instructor will illustrate how the sun shines all the time but the earth rotates to create day and night.*

Science Skill: Measure.

Book Title: Solids, Liquids, & Gases

Authors: Louise Osborne and Carol Gold **Photographer:** Ray Boudreau

Publisher: Kids Can Press Ltd., Tonawanda, NY (1998)

Story Summary: Thirteen hands-on activities encourage children to explore the three states of matter and their characteristics.

- *Students will decide which container has the most and least liquid by measuring the contents of each container.*

Science Skill: Draw conclusions.

Book Title: Is It Alive?

Author: Kimberlee Graves **Illustrator:** Robin Koontz

Publisher: Creative Teaching Press, Cypress, CA (1994)

Summary: Simple text and pictures help children identify living and non-living objects.

- *Students will answer the question on each page “Is it alive?”*
- *Students will the answer the question, “Is the snowman alive?”*

Science Skill: Communicate.

Book Title: We Can Make Graphs

Author: Rozanne L. Williams **Photographer:** Michael Jarrett

Publisher: Creative Teaching Press, Cypress, CA (1995)

Summary: Photographs and simple text describe different types of graphs produced by a class of elementary students..

- *Students will discuss ways to present their findings from their observations and experiments.*

MATERIALS NEEDED: *The Nature of Science* Poster – Teachers please enlarge *RRLookSeeLearnPoster.pdf* if you have a poster maker at your school .

SHARING ASSIGNMENT: Work with your students to practice at least one science skill this week. Select a student to share how your class used that skill.

EXTENSION:

Related Books:

Harcourt Science: Physical Science, Units E and F. (2000). Orlando, FL. Harcourt School Publishers.

The Sun is Always Shining Somewhere

Allan Fowler, 1992, Children's Book Press, ISBN 0516449060

Written for ages 4–8, this book explores our Sun as a star and offers an explanation of day and night that young children can easily grasp.

Related Media Presentation:

Fabulous Five, The: Our Senses. Rainbow Educational Media (1989). Retrieved August 15, 2007, from unitedstreaming: <http://www.unitedstreaming.com/>