



Broward County Public Schools Videoconference

Reading Rascals

Lesson: Move It

Instructor: Dr. Evelyn Nelson-Weaver
BECON Distance Learning Teacher

Grade Level: First Grade

Sunshine State Standard: SC.C.1.1, SC.C.1.2, and LA.A.2.1

Benchmark: SC.C.1.1.1, SC.C.1.1.2, SC.C.1.2.1, and LA.A.2.1.1

Objective(s):

1. Students will demonstrate two ways to move an object.
2. Students will recognize that there is a relationship between force and motion.
3. Students will read a passage of text and determine the main idea.

SCIENCE SKILL EMPHASIS: Compare.

MEDIA CONNECTION: What is Motion? From *How Things Move*. 100% Educational Videos (1999). Retrieved February 12, 2008, from unitedstreaming:

<http://streaming.discoveryeducation.com/>

ACTIVITIES:

- Questions for students:
 - What is another word for moving? *Motion*
 - How can we move? *Walk, run, skip, hop, bend, ride*
 - What directions can people move? *Up & down, front & back, left & right*
- Videoconference instructor will demonstrate motion of a small truck.
 - What two kinds of motion moved this truck? *A push and a pull*
- **Anything that moves needs a force to start it.** Demonstrate spinning-top and ball.
 - Name the type of force needed to move these objects.
- **A force is a push or pull.** Demonstrate slingshot.
 - Was a push or pull used to send the paper flying into the camera? *Push*
- **The direction of the force can effect how things move. I can use the force of my breath to move this pinwheel IF I blow in the correct direction.**
 - What type of boat uses the wind to *push* it through the water? *Sailboat*
 - What type of boat uses human power to *pull* it through the water? *Rowboat*
- **How strong the force is can determine how far things move.** Demonstrate 2 cans rolling...one with strong push and the other with a weak push.
 - **We call a weak wind a breeze.** Give me an example of a very strong wind.
Hurricane or tornado
- **The heavier an object is the more force you need to move it. You can easily push your chair under the table when you leave the media center. However, you could not pull the table to another place in the room without some help.**
- The instructor will now introduce The Enormous Turnip. **Let's read about a family who used a big force to move a giant vegetable.**

LITERATURE CONNECTION:

Book Title: The Enormous Turnip

Author: Alexei Tolstoy **Illustrator:** Scott Goto

Publisher: Harcourt, Inc, New York, NY (2003)

Summary: A cumulative tale in which the turnip planted by an old man grows so enormous that everyone must help pull it up.

ACTIVITIES:

- Students will read passages of The Enormous Turnip.
 - What was the problem for the old man? *He needed to move an enormous turnip.*
 - What force did the people and animals use to move the turnip? *Pulling*

MATERIALS NEEDED: None

EXTENSION:**Related Website:**

Making Things Move from *How Things Move*. 100% Educational Videos (1999). Retrieved February 12, 2008, from unitedstreaming:

<http://streaming.discoveryeducation.com/>