



## *Broward County Public Schools Videoconference*

### **Reading Rascals**

**Lesson:** Teamwork and Tools

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

**Grade Level:** First Grade

**Sunshine State Standard:** SC.H.1.1 and SC.H.3.1

**Benchmark:** SC.H.1.1.3, SC.H.1.1.5, and SC.H.3.1.1

**Objective(s):**

- 1 Students will understand that when doing science it is often helpful to work with a team and to share findings with others.
2. Students will use their senses, tools, and instruments to obtain information about their surroundings.
3. Students will recognize that scientists use a variety of tools to obtain detailed information and make their work easier.

**SCIENCE SKILL EMPHASIS:** Plan.

**GROUP ACTIVITIES:**

- Students will be guided through three video clips which will explain the value of teamwork and planning,
- The videoconference instructor will then guide the students in identifying a variety of tools used in science experiments.

**MEDIA PRESENTATION:** *When I Grow Up I Want To Be a Pilot*. United Learning (2001). Retrieved October 1, 2007, from unitedstreaming: <http://streaming.discoveryeducation.com/>

**TEAMWORK**

- Show Video clip
  - What is teamwork? Teamwork is when a group of people work together to accomplish the same goal.
  - Who is the leader of the team? The pilot
  - What does the co-pilot do to help the captain? He helps the pilot by communicating with the ground. Sometimes he gets to fly the plane.

**SCIENCE**

- Show video clip
  - Why is science important to planning for a safe flight? *Pilots must make sure the weather will allow them to fly safely.*

**PLANNING**

- Show video clip
  - The pilot and co-pilot use navigation charts to make what kind of plan? *Flight plan*
  - Where do the pilot and co-pilot inspect the plane's instruments and computers? *In the cockpit*

## LITERATURE CONNECTION:

### TOOLS

**Book Title:** I'd Like to be a Meteorologist Reprinted as Weather CD and Activity Book available at <http://www.twinsisters.com/onlinecatalog/songsthatteach/science1/2204.htm>

**Publisher:** Twin Sisters Productions, Stow, Ohio (1996)

**Summary:** Any young meteorologist will soon learn much about temperature, clouds, storms, tornados and hurricanes, seasons, tools to predict the weather, and tornado safety tips.

- Tools for a meteorologist:
  - Thermometer - Measures air temperature
  - Barometer - Measures air pressure
  - Anemometer - Measures wind speed
  - Rain Gauge - Measures rainfall

**Book Title:** Jobs People Do

**Author:** Christopher Maynard

**Publisher:** DK Publishing, Inc., New York, NY (1997)

**Summary:** A variety of jobs are spotlighted with large illustrations of tools and uniforms used for each profession.

- Tools for a scientist: (p.15)
  - Microscope – Enlarges small things too small to be seen by the human eye
  - Beakers, Measuring cups, Scales, Thermometer, etc

**MATERIALS NEEDED:** None for students

**SHARING ASSIGNMENT:** Assign your students to a team in order to complete a project. Make a list of the ways that the team made the work easier.

### TEACHER RESOURCES:

#### **Related Book:**

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