

K-1 PREPARATION TABLE

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Lesson Title	Page	Subject Areas	Lesson Description	Materials	Sunbeatables Parents
Lesson 1: Meet Ray and the Sunbeatables	5	English Language Arts & Reading Social Studies Health Education Art Theatre	Students meet Ray and the Sunbeatables in a puppet show and create a Travel Book.	<ul style="list-style-type: none"> • Ray's World map • Ray and the Sunbeatables puppet cut-outs • Puppet show script • Craft sticks • Glue or tape • 1 copy of the Travel Book template per student • 2 blank sheets of paper • Markers/crayons 	Email or make copies of the curriculum introduction letter provided in the Parent Materials Folder, and on pages 3 and 4, to let parents know about the new curriculum you are teaching.
Lesson 2: Safari Sun Safety Adventure	9	English Language Arts & Reading Social Studies Health Education	Students learn how animals protect themselves from the sun's rays.	<ul style="list-style-type: none"> • Ray's World map <i>Optional: Parent notecard template</i>	Send a note home using the parent notecard template provided in the Parent Materials Folder or email parents to ask them to send sun safety items to school with their children.
Lesson 3: Color Fading Science Experiment	13	English Language Arts & Reading Science Health Education Art	Students learn about the damaging effects of the sun.	<ul style="list-style-type: none"> • 1 sheet of black or dark construction paper per student • 1 black-and-white character template per student • Scissors • Tape • Markers/crayons 	Make copies of the "Color Fading Science Experiment" letter provided in the Parent Materials Folder, and on pages 16 and 17, to send home to parents, and encourage them to discuss the experiment with their children.
Lesson 4: Serena's Sunscreen Experiments	18	English Language Arts & Reading Mathematics Science Health Education	Students discover the importance of sunscreen reapplication.	<ul style="list-style-type: none"> • Ray's World map • Drinking glass • Sunscreen (lotion) • Cold water • Bowl <i>Optional: Ice cubes, Parent notecard template</i>	Send home a note using the parent notecard template provided in the Parent Materials Folder or email parents that students participated in a science experiment that taught them why sunscreen reapplication is important.
Lesson 5: Are Our Shadows Long?	24	English Language Arts & Reading Mathematics Science Health Education Art Physical Education	Students compare shadow lengths at different times of the day.	<ul style="list-style-type: none"> • Sidewalk chalk • Measuring tape or yardstick <i>Optional: String, tape, scissors, butcher paper, markers/crayons, flashlight, tall object (e.g., a cup or building blocks), camera (if desired), Sun Safety Songs CD and song lyrics</i>	Take photos of the students and their shadows during the lesson and post the pictures on your school's website or email the photos to parents with a summary of the lesson.

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Lesson 6: Make Shade Trees with Ray	28	English Language Arts & Reading Mathematics Science Health Education Art Physical Education	Students learn the importance of finding shade outside and make their own shade trees.	<ul style="list-style-type: none"> • Ray's World map • 1 piece of construction paper per student • Leaves (real or torn from paper) • Markers/crayons • Glue • Scissors <p><i>Optional: Parent notecard template, Sun Safety Songs CD and song lyrics</i></p>	Send home a note using the parent notecard template provided in the Parent Materials Folder or email parents asking parents and children to find leaves at home to use for this lesson.
Lesson 7: Clothing Flashlight Test	34	English Language Arts & Reading Science Health Education	Students identify sun safe clothing.	<ul style="list-style-type: none"> • Ray's World map • Flashlights or pen lights • Variety of loosely-woven and tightly-woven clothing in light and dark colors <p><i>Optional: Parent notecard template</i></p>	Send home a note using the parent notecard template provided in the Parent Materials Folder or email parents to ask them to send various (extra) clothing items (e.g., light and dark-colored clothing, tightly-woven and loosely-woven clothing, tank tops, long-sleeved shirts, sweaters) to school with their children.
Lesson 8: Make a Sun Safe Hat	40	English Language Arts & Reading Health Education Art Theatre Physical Education	Students make and decorate their own sun safe hats.	<ul style="list-style-type: none"> • Variety of hats • 3-4 newspaper sheets per student • Markers/crayons • Tape Note: Use decorative duct tape for a colorful hat brim • Stapler <p><i>Optional: Parent notecard template, Sun Safety Songs CD and song lyrics</i></p>	Send home a note using the parent notecard template provided in the Parent Materials Folder or email parents to ask them to send newspaper(s) and a hat that their children like to wear.
Lesson 9: Sun Safety Sorting	44	English Language Arts & Reading Mathematics Social Studies Health Education Art	Students identify items as sun safe or not sun safe.	<ul style="list-style-type: none"> • 1 copy of sorting template per student • 2 envelopes per student (can be store bought or made in class) • Markers/crayons • Scissors <p><i>Optional: Clothing magazines, construction paper, 2 baskets and variety of clothing items that are sun safe and not sun safe</i></p>	After the lesson, send home the sorting sets so parents can practice with their children.
Lesson 10: Draw a Sun Safety Superhero	47	English Language Arts & Reading Mathematics Health Education Art	Students draw life-size images of themselves being sun safe.	<ul style="list-style-type: none"> • Butcher paper • Construction paper, assorted colors • Markers/crayons • Tape/glue • Scissors <p><i>Optional: camera</i></p>	Post students' drawings in a visible location for parents to see, take photos of the drawings to email to parents, and/or post on your school's website or bulletin board.