

Materials Details Page:

ENGAGE 1:

For the class:

- ❑ Classroom globe

For each student:

- ❑ Student Science Journals
- ❑ As the Earth Turns WKST

ENGAGE 2:

For the class:

- ❑ K-W-L Chart

For each student:

- ❑ TAKS Reading Passage
- ❑ Student Science Journals

EXPLORE 1:

For each student:

- ❑ Scientific Lab Sheet
- ❑ Harcourt Textbook D4-D7

For each group:

- ❑ Student Procedure Lab sheet
- ❑ Metric Ruler
- ❑ Piece of string
- ❑ Scissors
- ❑ 2 round inflated balloons, same size
- ❑ safety goggles
- ❑ straight pin

EXPLORE 2a:

For the class:

- ❑ Reference Sheet transparency

For each student:

- ❑ COLD spoon
- ❑ Collection of Clouds WKST
- ❑ Reference Sheet
- ❑ Student Science Journal

EXPLORE 2a:

For each student:

- ❑ COLD spoon
- ❑ Collection of Clouds WKST
- ❑ Reference Sheet
- ❑ Student Science Journals

EXPLORE 3:

For each student:

- ❑ Cloud Key WKST
- ❑ Cloud Weather Prediction WKST
- ❑ Student Science Journal

EXPLAIN 1:

For the class:

- ❑ Bowl of soil
- ❑ Bowl of water
- ❑ Two thermometers
- ❑ Reflector light

For each student:

- ❑ Soil vs. Water Lab Sheet
- ❑ Blue map pencil
- ❑ Black map pencil

EXPLAIN 2:

For the class:

- ❑ Aquarium
- ❑ Clamp lamp
- ❑ 100 watt light bulb
- ❑ punk
- ❑ matches
- ❑ plastic wrap
- ❑ Scientific Lab Sheet

EXPLAIN 3:

For the class:

- ❑ Flashlight (if needed)
- ❑ Globe (if needed)

- Light colored balloon (if needed)
- Dark colored balloon (if needed)

For each student:

- Harcourt Textbook

ELABORATE 1:

For the class:

- Weather Map Transparency

For each student:

- Harcourt Textbook
- Copycat WKST

ELABORATE 2:

For each student:

- Tap water
- Rubbing alcohol
- Clear, narrow-necked plastic bottle
- Food coloring
- Clear plastic drinking straw
- Modeling clay
- Thermometer Procedure Sheet
- Thermometer Reading WKST
- Student Science Journals

ELABORATE 3:

For the class:

- Barometer

For each student:

- Large glass jar
- Large, uninflated balloon
- Rubber band
- Masking tape
- Toothpick
- 3-inch-by-5-inch card
- white glue
- pencil
- Barometer Procedure Sheet

ELABORATE 4:

For each student:

- pencil
- cup
- pin
- straw
- tag board
- paper cilp
- Wind Vane Procedure Sheet

ELABORATE 5:

For the class:

- Shallow pan
- Water
- Thermometer
- Fan
- Watch or clock with second hand

For each student:

- Wind Shill Chart
- Wind Chill Worksheet
- pencil