

**Jefferson County Educational Service Center  
Virtual Learning Academy  
Required Course Materials  
SCI 120: SCIENCE 120**

**Unit 06: Computers**

A cardboard disc, about 20 inches in diameter  
A stick about 10-15 inches long  
Scissors  
A pencil  
A watch  
A patch of ground where the Sun shines throughout the day

**Unit 08: Changes in Weather**

A large glass jar  
A tray of ice cubes  
A flashlight  
Very hot water

**Unit 09: How Can Weather be Measured?**

clear, plastic bottle (11oz. water bottle works)  
water  
rubbing alcohol  
clear plastic drinking straw  
modeling clay  
food coloring

**Unit 15: Baby Animals**

Baby picture of student when he/she was a baby.  
Present baby picture

**Unit 18: Plants Through the Year**

12 bean seeds  
2 paper towels  
2 rubber bands  
water

**Unit 20: Listen for the Sounds**

12- inch plastic ruler  
Worksheet printed (the last page)  
A pencil

### **Unit 21: Sound are all Around**

3 glasses that are the same size

Water

Ruler

### **Unit 22: Light and shadows**

A flashlight

A helper

A piece of black card

Scissors

Sticky tape

A stick

A dark room

### **Unit 24: Who? What? When? Where? Why? How?**

Two empty soft drink bottles that are the same size

Two balloons

Two large mixing bowls (approximately 3 quart capacity)

A try of ice cubes

Two quarts of hot water (You should have help with the hot water.)

Paper and a pencil

### **Unit 25: Is it Getting Hotter in Here?**

Two thermometers

A wide-mouth jar with lid

Two small rocks

Two strips of black construction paper or cloth 2 inches wide and 6 inches long

A calculator

A pencil

The pages printed out from this lesson (Pages 7-12)

### **Unit 26: Same Conditions - Every Time**

One empty can (pint size will be fine with paper labels removed)

One spoon (tablespoon)

Water

Paper towels

Three ice cubes

Food coloring

### **Unit 29: Life Cycle of a Butterfly**

Many colors of construction paper, oak tag, or gift wrap

Pencil

Scissors

Yarn or string  
Glue stick  
A sturdy paper plate  
Markers, crayons, or paint  
Stapler or tape

### **Unit 30: Little Seeds**

2 bean seeds  
2 clear plastic cups  
Planting soil  
Water  
Paper

### **Unit 33: Thunderstorms**

Two or three paper bags  
Two or three rubber bands

### **Unit 34: What You Didn't Know About Light!**

A mirror  
A jar of water  
Some modeling clay  
A bright flashlight  
A shallow dish (5-6 inches wide)  
A white card

### **Unit 36: An Animal of the Past**

Paper and a printer (stiff paper works best - colored paper is great for this project)  
A shoe box or slightly larger box  
Crayons and/or markers  
Paste (a glue stick works well)  
Scissors  
Tape, thread, pipe cleaners  
Optional: glitter (for great lava!), cotton puffs (for clouds), thin cardboard to glue to the back of the animals if your paper is very flimsy (old cereal boxes work well)