

# LIST OF MATERIALS AND COPIES FOR CAVOC *FIRST GRADE CURRICULUM (2017)*

## FALL - Insects

### Activity 1 – Catch an Insect

- Large construction paper (light colored)
- Bug cards (with identification on the back of each bug card)
- Insect catching nets and containers (with lids)
- Hand trowels for digging
- Copies of “Bug Watch” worksheet

### Activity 2 – Let’s Eat Like an Insect

- Craft sticks
- Rocks, small twigs, leaves (these can be collected at CAVOC by the students the day of their visit, or pre-bagged prior to the visit)
- Marshmallows (students will chew/eat them like grasshoppers)
- Red Kool-Aid or Hawaiian Punch (students will drink using straws like bees)
- Straws
- Plastic cups
- \*1-4 oranges (teacher will demonstrate how a mosquito stabs and sucks liquid) – *purchased day before lesson\**
- Plastic syringe
- Sponges

### Activity 3 – Insect Territory

- Hand trowels for digging
- Clipboards (located in separate bin)
- Copies of “Insect Territory” worksheet
- Dead insects
- Microscopes for viewing dead insects (Lu Berndt classroom)

### Activity 4 – Design an Insect

- Chalkboard or white board to model insect
- Pencils
- Sharpie markers (many different colors)
- Pre-cut square pieces of aluminum foil (to fit onto black construction paper squares)
- Pre-cut black construction paper squares (to fit onto square block of wood)
- Pre-cut square blocks of wood
- Flat tacks (4 for each student)
- Hammers (to pound in tacks)

### **Rainy Day Activities**

- Rubber or plastic insects/critters
- Large paper for posters (large square light brown paper will work)
- Copies of scavenger hunt
- Copies of scavenger hunt questions

## **WINTER – Animal Adaptations**

### **Activity 1 - Snowshoeing**

- Snowshoes (students will bring from school – the ones at CAVOC are too large for first graders)

### **Activity 2 - Sledding**

- Sleds (bring from school OR use tubes from CAVOC)

### **Activity 3 – Animal Adaptations**

- Pictures of animals (laminated) - snowshoe hare, long-tailed weasel, chameleon, walking stick, fawn, toad, tree frog, garter snake (in their environments)
- White items (Kleenex, white stuffed animal, cotton ball, white paper, etc.)
- Animal Adaptation Cards (on back tells how animal has adapted to their environment)
- Clipboards
- Pencils
- “Hidden White Items” worksheet

### **Activity 4 – Bird Feeders (STEAM)**

- Peanut butter
- Pine cones (students can collect at CAVOC that day)
- Mixed bird seed
- String to hang the feeder
- Pipe cleaners
- Cheerios
- Books about how animals survive in the winter

## **SPRING – Plants**

### **Activity 1 – Plant Tricksters**

- Paper for drawing parts of plant
- 7 plant trickster cards
- Clipboards

- Pencils
- Copies of “Plant Tricksters” worksheet
- Bubbles for blowing

### **Activity 2 – Soil Search**

- Containers to gather soil
- Large spoons to scoop soil
- Hand lenses
- Bags of earth materials for each pair of students
- Screens (large, green)
- 5 containers for each pair of students
- Copies of 5 labels (large pebbles, small pebbles, large gravel, small gravel, sand) cut out

### **Activity 3 – Compare/Contrast Plants**

- Picture of a pea plant
- *\*A pea pod for each student to examine – purchase the day before the lesson\**
- Paper for tallying
- Pencils

### **Activity 4 – Wooden Planters (STEAM)**

- Five wooden squares for each student
- 8 nails for each student
- Sharpie markers of various colors
- Soil
- Seeds
- Empty milk cartons (students will collect at school and bring them to CAVOC)

### **Rainy Day Activities**

- Poster paper (large square light brown paper)