

TAKE IT OUTSIDE!

Quick Reference Activity Guide Fourth

Activity Title	Activity Length	Materials Needed	Site Requirements	Related State Science Standards
Animal Anti-Freeze (OBIS)	45 minutes	<ul style="list-style-type: none"> • 1 30ml (2 tablespoon) measuring spoon • 1 liter of liquid gelatin for every 10 students • 1 small box or knit cap • 1 thermometer • 1 large thermos bottle or picnic jug • 1 tray for cups Per Student <ul style="list-style-type: none"> • 4 small paper cups • 4 small paper cards or tops for the cups • 1 hand trowel or other digging tool 	Any outdoor site. The outdoor temperature should be 41 ° F or lower.	3. a, b, c 4. a, b 6. a, c, d, f
Mystery Marauders (OBIS)	55 minutes	<ul style="list-style-type: none"> • Action Assignment Cards • Rubber bands • Sweepnet Equipment card or Shake It Container Equipment card • Medium-sized plastic bags • Hand lenses or bug boxes • Sweepnets or Shake It Containers 	Any outdoor site where plants are present. This activity should be completed during the spring or late summer.	2. a, b, c 3. a, b, c 6. a, c, f
Nature Art	30-60 minutes	<ul style="list-style-type: none"> • Pencils • Clipboards • Drawing paper 	Any outdoor site.	2. a, b, c
Rock Hunt	30-60 minutes	<ul style="list-style-type: none"> • <u>Everybody Needs a Rock</u> book • Interesting rock examples for discussion • Bag of rocks 	Any outdoor site with a variety of rocks present.	4. a, b



Activity Title	Activity Length	Materials Needed	Site Requirements	Related State Science Standards
Plot Study Data Collection / OBIS Mapping a Study Site	1 hour +	<ul style="list-style-type: none"> • Thermometers (for soil and air) • Mapping a Study Site Lesson/Worksheets • Plot Study Data Collection Charts • Pencils, Clipboards • Moisture meters (optional) • Group Plot Study Data Collection Chart • 1 compass • 1 data board or large drawing pad • 1 Black marking pen • Flagging <p>For each team of two to four:</p> <ul style="list-style-type: none"> • 1 map key on a large index card (5x8") • Set of marking pens/crayons or bag of construction paper symbols • 1 section of the outline map • Glue stick or clear tape (for sticking construction paper symbols to maps) 	Any outdoor site. Activity may be completed several times during the school year to compare data collected during different seasons.	<p>2. a, b, c 3. a, b, c 5. a, c 6. a, b, d, e, f</p>
Seed Dispersal (OBIS)	55 minutes	<ul style="list-style-type: none"> • Action cards • 50 dried bean or pea seeds • Colored paper • Tape • Glue • Rubber bands • Popsicle sticks • Balloons • Pipe cleaners • Paper clips • String • Scissors • Markers • Bucket or milk carton • Seed-Go Card 	An outdoor site with a variety of seed/fruit producing plants. A body of water is handy. This activity is best suited for the summer and fall seasons.	<p>2. a, b 3. a, b, c, d 6. a, c, d</p>

