

TAKE IT OUTSIDE!

Quick Reference Activity Guide First Grade

Activity	Time	Materials	Site	Standards Connections
Animal Tracks	30 min.	<ul style="list-style-type: none"> • Empty ½ gallon milk carton • Black construction paper • Unscented powder (e.g., flour) • Wax paper • Peanut butter • Art fixative spray • Ruler 	Any outdoor area where animals are present.	<p>NGSS 1-LS1-1, 1-LS1-2, 1-LS3-1</p> <p>NRC Framework Scientific & Engineering Practices: 1, 2, 3, 6, 8 Crosscutting Concepts: 1, 3, 4, 5, 6 Disciplinary Core Ideas: LS1.A, LS1.B, LS1.D, LS3.A</p> <p>Common Core ELA/Lit.: R1.1.1, R1.1.2, R1.1.10, W.1.8 Math: MP.2, MP.5, 1.MD.1.2</p>
Beachcombing (OBIS)	30 min.+	<ul style="list-style-type: none"> • 1 Aquatic Observation Aids Card (included) • 1 Container (per 2 students) • 1 magnifying lens or bug box (per 2 students) 	A beach.	<p>NGSS 1-LS1-1, 1-LS3-1</p> <p>NRC Framework Scientific & Engineering Practices: 3, 4, 8 Crosscutting Concepts: 1, 7 Disciplinary Core Ideas: LS2.A, LS2.C</p> <p>Common Core ELA/Lit.: W.1.8</p>
Cool It (OBIS)	60 min.	<p><u>For the group:</u></p> <ul style="list-style-type: none"> • 4-8 flags on small sticks • Masking tape • 1 watch with a second hand • 1 eight-meter length of rope/string <p><u>For each buddy team:</u></p> <ul style="list-style-type: none"> • 1 Celsius thermometer (metal back if poss.) • 1 One-meter length of string 	Must take place on a sunny day. Site should have areas of shade, sun, and partial shade.	<p>NGSS 1-LS1-1, 1-ESS1.1, 1.PS4.3</p> <p>NRC Framework Scientific & Engineering Practices: 1, 2, 4, 5, 6, 8 Crosscutting Concepts: 2, 3, 4, 5, 6 Disciplinary Core Ideas: LS1.A, LS4.C</p> <p>Common Core ELA/Lit.: W.1.8, SL.1.1A.C Math: 1.NBT.3, 1.NBT.C.5, MP.2, MP.4, MP.5, 1.MD.1.2, 1.MD.4</p>



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Nature Relay	30 min.	<ul style="list-style-type: none"> • Items for the relay (collected by students) • Rope or cones for boundaries • <u>From Seed to Plant</u> by Gail Gibbons (optional) 	Any open, outdoor area.	<p>NGSS 1.LS3-1</p> <p>NRC Framework Scientific & Engineering Practices: 1, 6, 8 Crosscutting Concepts: 1, 3, 4, 5, 6 Disciplinary Core Ideas: LS1.A, LS1.B, LS1.D, LS2, LS3.A, LS3.B, LS4</p> <p>Common Core ELA/Lit.: W.1.8 Math: MP.2, 1.MD.1</p>
Supporting the Earth	20 min.	<ul style="list-style-type: none"> • Parachute • Inflatable Globe Ball 	Open, outdoor area.	<p>NGSS K-2-ETS1-1</p> <p>NRC Framework Scientific & Engineering Practices: 1 Crosscutting Concepts: 1, 4, 5, 7 Disciplinary Core Ideas: LS1, LS2, LS4, ESS2</p> <p>Common Core ELA/Lit.: W.2.8</p>
Willow Planting	Four 25 min. prep sessions 30 min. Final activity	<ul style="list-style-type: none"> • Willows - sprouted in the classroom • Clear containers for sprouting • Plastic bags • Planting bars or trowels • Clipboards • Pencils • Worksheets (included) 	Suitable willow habitat (e.g. an area along a creek) with land owner permission to plant.	<p>NGSS 1.LS3.1</p> <p>NRC Framework Scientific & Engineering Practices: 2, 3, 4, 6, 8 Crosscutting Concepts: 1, 3, 6 Disciplinary Core Ideas: LS1.A, LS3.A, LS3.B</p> <p>Common Core ELA/Lit.: W.1.8 Math: MP.2, MP.5, 1.MD.1</p>