

Materials List - "Windy Weather" Unit

| DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 |
|--|---|---|---|--|
| <p>Exploring Together: What is Wind? (p.4)</p> <ul style="list-style-type: none"> • Malcolm the Meteorologist puppet & Wind Tracking Chart, prepared (see p. 32) • Craft sticks, tongue depressors or drinking straws <p>Center/Small Group: What Will Happen? (p.5)</p> <ul style="list-style-type: none"> • Children's choice of objects (read below) <p>Center/Small Group: Fun with Fans (p. 5)</p> <ul style="list-style-type: none"> • Paper plates (small, large or both) • Construction paper, markers/crayons, art tissue, tape, gluesticks, etc. <p>Infants: The Wind (p. 5)</p> <ul style="list-style-type: none"> • None needed | <p>Exploring Together: Fast Wind. Slow Wind. (p. 6)</p> <ul style="list-style-type: none"> • Malcolm puppet • Fan (safe to use around children) OR hairdryer (adult use only) • Empty food box (e.g., cereal, rice, etc.) <p>Center/Small Group: Straws & Cotton Balls (p. 7)</p> <ul style="list-style-type: none"> • Drinking straws • Cotton balls • Paper plates <p>Center/Small Group: Windy Art (p. 7)</p> <ul style="list-style-type: none"> • Handheld, battery-operated fan with foam or soft blades (battery-operated) OR folded paper fans • Large sheets of white paper • Thinned paint (several colors) in cups with spoons • Cardboard box (if doing this experience indoors) <p>Infants: Feel the Breeze (p. 7)</p> <ul style="list-style-type: none"> • Folded paper fan OR fan made from half of a paper plate and a craft stick | <p>Exploring Together: Now It's Dry (p. 8)</p> <ul style="list-style-type: none"> • Malcolm puppet • Small plastic blocks • Water • Paper towels <p>Center/Small Group: Wash and Dry (p. 9)</p> <ul style="list-style-type: none"> • Doll clothing (washable) OR baby clothes • 2 tubs of water (see p. 9 for details) • Access to a clothesline OR long piece of string/ yarn/twine hung between two trees OR drying rack (set up outside) • Pinch-type clothespins • Clothesbasket <p>Center/Small Group: Which Will Dry First? (p. 9)</p> <ul style="list-style-type: none"> • Fingerpaint paper • 2 or 3 colors of fingerpaint • Damp sponge <p>Infants: Dry Then Wet Then Dry (p. 9)</p> <ul style="list-style-type: none"> • Fingerpaint • Fingerpaint paper • Damp sponge • Tape | <p>Exploring Together: Let's Go Fly a Kite! (p. 10)</p> <ul style="list-style-type: none"> • Malcolm puppet • Kite <p>Center/Small Group: Kite Makers Are We (p. 11)</p> <ul style="list-style-type: none"> • Assorted art/collage materials (see p. 11 for suggestions) • Drinking straws • String/yarn <p>Center/Small Group: Kite Find and Match Game (p. 11)</p> <ul style="list-style-type: none"> • Kite Find and Match Game (see directions for preparing on p. 11) <p>Infants: See the Kites Flying (p.11)</p> <ul style="list-style-type: none"> • Construction paper kites hanging above the diapering area | <p>Exploring Together: The Wind Blows... (p. 12)</p> <ul style="list-style-type: none"> • Malcolm puppet • Scarves or small towels (1 per child) • Music (fast and slow tempos) <p>Center/Small Group: How Many Spots on the Kite? (p. 13)</p> <ul style="list-style-type: none"> • Large construction paper diamond (any color) • Cotton balls (10) • Numeral cards (1-10), see page 13 for details on making these <p>Center/Small Group: Crayon Resist Kites (p. 13)</p> <ul style="list-style-type: none"> • Large sheets of white paper cut in diamond shapes • Thinned paint in shallow dishes (several colors...your choice) • Crayons • Paintbrushes (thin and chunky) <p>Infants: Colorful Kites (p. 13)</p> <ul style="list-style-type: none"> • Large sheets of white paper cut into diamond shapes (1 per infant) • Do-A-Dot® painters OR cotton balls clipped in clothespins • Tape • Shallow dish of paint |

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| DAY 6 | DAY 7 | DAY 8 | DAY 9 | DAY 10 |
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| <p>Exploring Together: Pretty Pinwheels (p. 14)</p> <ul style="list-style-type: none"> Malcolm puppet Pinwheel (see p. 14 for a video to help you make one if you do not have one) <p>Center/Small Group: A Giant Pinwheel (p. 15)</p> <ul style="list-style-type: none"> Sheet of heavyweight white paper cut into a square 12" x 12" Wrapping paper tube OR rolled newspaper tube Crayons/markers, hole punch, stapler, push pin (keep out of the reach until needed), craft glue, pom-pom ball, tape <p>Center/Small Group: Playing Windy Memory (p. 15)</p> <ul style="list-style-type: none"> Windy Memory Teaching Tool, prepared (see p. 32 for prep directions) <p>Infants: Watch the Pinwheel (p.15)</p> <ul style="list-style-type: none"> Pinwheel (use the one from Exploring Together on p. 14) | <p>Exploring Together: Bubble Fun (p. 16)</p> <ul style="list-style-type: none"> Malcolm puppet Bubble solution & wand (purchases or homemade - recipe on p. 34) <p>Center/Small Group: Bubbles Outside (p. 17)</p> <ul style="list-style-type: none"> Bubble solution (purchased or homemade) Bubble wands Shallow plastic bowls or dishes <p>Center/Small Group: Mix It to Make It (p. 17)</p> <ul style="list-style-type: none"> Ingredients for preparing bubble solution (see recipe on p. 34) Large bowl, measuring cup Containers with tight fitting lids for sending home bubble solution (1 per child) Chenille stems <p>Infants: Pop! Pop! Pop! (p. 17)</p> <ul style="list-style-type: none"> Bubble solution & wand | <p>Exploring Together: Which Way? (p. 18)</p> <ul style="list-style-type: none"> Malcolm puppet Weather vane & windsock cards from the Windy Memory Teaching Tool 4 sheets of construction paper labeled East, West, North & South - tape to the floor (like a weather vane) <p>Center/Small Group: Wonderful Windsocks (p. 19)</p> <ul style="list-style-type: none"> Crepe paper streamers Large sheets of white paper Hole punch Yarn/String Stapler Clear tape Watercolor paints and paintbrushes OR crayons/markers <p>Center/Small Group: Reading to Learn (p. 19)</p> <ul style="list-style-type: none"> Books about the wind and windy weather (see the Book List on p. 30 for suggestions) Large blanket <p>Infants: I Made a Windsock, Too! (p.19)</p> <ul style="list-style-type: none"> Crayon or marker bundles (see p. 19) Large sheets of white paper, tape | <p>Exploring Together: The Power of Wind (p. 20)</p> <ul style="list-style-type: none"> Malcolm puppet Wind turbine and windmill cards from the Windy Memory Teaching Tool Access to a computer or tablet <p>Center/Small Group: What Else Can the Wind Do? (p. 21)</p> <ul style="list-style-type: none"> Water table or container of water Toy boats (if available for younger children, see p. 21) Plastic recyclables (see p. 21) Drinking straws, craft foam, duct tape or other tape that will work when in water <p>Center/Small Group: More Windy Memory Fun (p. 21)</p> <ul style="list-style-type: none"> Windy Memory Teaching Tool <p>Infants: Bubbles in the Breeze (p.21)</p> <ul style="list-style-type: none"> Bubble solution, wand | <p>Exploring Together: Wild, Windy Day! (p. 22)</p> <ul style="list-style-type: none"> Malcolm puppet Wind Tracking Chart (from DAY 1, EXTENSION) Kite Find and Match Game (from p. 11) Fan (safe to use with children) Music <p>Center/Small Group: Don't Pop the Bubbles! (p. 23)</p> <ul style="list-style-type: none"> Bubble solution Bubble wand Old socks or gloves, aluminum foil, construction paper, paper or plastic plates, plastic lids, paper cups, plastic cooking spoons, a tub of water, etc. <p>Center/Small Group: When the Wind Blows... (p. 23)</p> <ul style="list-style-type: none"> Crepe paper streamers Yarn/string Child-safe scissors, tape <p>Infants: Sing and Say (p. 23)</p> <ul style="list-style-type: none"> None needed |

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| <p>SCHOOL-AGE ACTIVITY</p> <p>Blow Paint Races (p.24)</p> <ul style="list-style-type: none"> • Drinking straw for each child • Thinned paint in shallow dishes (several colors) • Plastic spoons • Long piece of white mural paper taped to a table | <p>SCHOOL-AGE ACTIVITY</p> <p>Exploring Evaporation (p. 24)</p> <ul style="list-style-type: none"> • Toy cars/trucks (plastic) • Tub of warm water • Rags or sponges | <p>SCHOOL-AGE ACTIVITY</p> <p>Cool Kites (p.25)</p> <ul style="list-style-type: none"> • Colored art tissue or tissue paper (whatever you have) • Drinking straws • Tape, old newspapers, construction paper, white paper, crayons/markers, sticks, etc. • Kite | <p>SCHOOL-AGE ACTIVITY</p> <p>Breezy Beach Ball (p. 25)</p> <ul style="list-style-type: none"> • Beach ball | <p>SCHOOL-AGE ACTIVITY</p> <p>What is a Weather Vane? (p. 26)</p> <ul style="list-style-type: none"> • Clay or playdough a • Small paper plates • Construction paper • New pencil with eraser (one for each child) • Straight pins (see <u>caution</u> on p. 26) • Compass OR cellphone |
| <p>SCHOOL-AGE ACTIVITY</p> <p>Wind Power (p. 26)</p> <ul style="list-style-type: none"> • Access to a computer or tablet • White paper • Crayons/markers • Pencils | <p>NOTE: If space allows, we will list crayons/markers, tape, scissors, white paper, construction paper, etc. If space is tight, these materials will be listed in the lesson plans but not on this Materials List. Items listed in red may require advanced preparation or just some time to locate/gather.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">ITEMS TO COLLECT/PURCHASE</p> <ul style="list-style-type: none"> • Kite and pinwheel • Hand-held, battery-operated fan with foam or soft blades OR you can make a folded paper fan from construction paper • Baby or doll clothing (washable) • 1 small container with a tight-fitting lid for each child (see p. 17) • Bubble solution and wands • Old gloves and/or socks (see p. 23) • 1 new pencil with eraser for each child (school-age activity) </div> <div style="width: 45%;"> <p style="text-align: center;">LET PARENTS/GUARDIANS KNOW...</p> <p>You need a kite and pinwheel. Maybe they have or you can borrow.</p> <p>Also let them know you need bubble solution and wands. They may be happy to stop by the Dollar Store to pick some up for you!</p> </div> </div> | | | |

Your Own Notes Regarding Materials Needed