DELTA RIDGE TECHNOLOGIES

Nature and Science Activity Book

Eight things to do outside with a jar and a pencil

EIGHT THINGS TO DO OUTSIDE, AND WHAT EACH ONE TEACHES



No kit, no shopping. Everything here uses a jar, a notebook, a thermometer, or nothing at all. Each activity is one page: what you need, what to do, what to write down, and the question that makes it a lesson.

ACTIVITY	TEACHES
1 Backyard bird count	Counting, tallying, and patience
2 Seed germination race	Variables, measurement, fair tests
3 Soil shake test	Observation and classification
4 Water cycle in a jar	Evaporation and condensation
5 Shadow tracking	Time, angles, and the sun's path
6 Insect survey	Habitat and sampling
7 Weather week	Data collection and graphing
8 Insulation test	Heat transfer and fair testing

How to make it count. Every page here ends with a written prediction and a written result. The writing is the science. A child who predicts and then checks has done real work, even if the experiment fails.

SAMPLE

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Activities for children need an adult present. Several activities involve scissors, small parts, water, heat, food, outdoors, tools or fire. Adults are responsible for choosing what is age appropriate, supervising it, and checking the surroundings and materials first. Nothing here replaces your own judgment about the children in your care. No educational, developmental, behavioral or health result is promised or implied by any page in this pack.

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Delta Ridge Technologies, Arkansas, roosteradams91@gmail.com

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