GeniusKite

Kids' Thinking Skills

Science Workbook

Grade 2
Ages 7-8



Hands-On Experiments and Nature Journals

GeniusKite Team

Science Thinking for Parents

A short guide / 1 of 2

How each section works

Every section has six pages. The first page opens with a short "learn it" box in plain words. Then come practice pages, a short science reading, a safe experiment or outdoor observation, and a thinking challenge where your child explains with evidence.

Questions before answers

Science starts with wonder. Before an experiment, ask "What do you think will happen? Why?" Afterward ask "What did you notice? Was your prediction right?" A wrong prediction is not a failure; it is something to learn from.

Fair tests

In a fair test, change only one thing and keep everything else the same, like the same amount of water or the same drop height. Even young scientists can spot when a test is not fair.

Observation journals

Drawing and labeling what they see helps children slow down and notice details. Encourage tally marks, simple measurements and the date. The last page is a notebook page for repeat observations.

SCIENCE / WARM-UP

Solid, Liquid or Gas?



Name: _____ Warm-up 1 / 3

Read the word bank. Write each word under the right heading.

Everything around us is matter: it takes up space. A solid keeps its own shape. A liquid flows and takes the shape of its container. A gas spreads out to fill the space it is in. Air is a gas.

WORD BANK

ice cube / book / honey / water vapor / rock / helium / rain / juice / milk / pencil / air

Solid	Liquid	Gas



Kite's tip: Ask: does it keep its shape, flow, or spread out?