GeniusKite

Kids' Thinking Skills

Science Workbook

Grade 3
Ages 8-9



Science Thinking and Safe Experiments

GeniusKite Team

Science Thinking for Parents

A short guide / 1 of 2

How each section works

Every section has six pages. The first page starts with a short "learn it" box that explains the big idea in plain words. Then come practice pages, a short reading or word game, a safe hands-on investigation and a thinking challenge.

Fair tests and evidence

Grade 3 science asks children to plan fair tests: change one thing, keep everything else the same, measure and repeat. Ask "What did you change? What stayed the same? What is your evidence?"

Safety first

Every activity uses household materials with no heat, flames, sharp tools or chemicals. A grown-up does any cutting and blows up balloons. Use large fridge magnets only and never put magnets in your mouth. Go indoors when you hear thunder.

Wonder out loud

Ask "What do you notice?" and "What do you predict will happen?" A prediction that turns out wrong is still good science: talk about what the evidence shows.

SCIENCE / WARM-UP

Plan an Investigation



Name: _____ Warm-up 1 / 3

Put the steps in order. Write 1, 2, 3 … in the boxes.

Scientists ask a question, make a prediction, then plan a fair test. In a fair test you change only ONE thing (the variable) and keep everything else the same. You measure carefully, repeat the test, and use the evidence to explain what happened.

☐	Plan a fair test: change one thing only.
☐	Look for patterns and share what you found.
☐	Ask a question you can test.
☐	Make a prediction.
☐	Test it, measure and record the results.



Pip's tip: Change only one thing at a time.