

SCIENCE · Y2–Y6

Science Trivia Race

Board game — 4 science topics

How to play

Rules for 2–4 players

- Players: 2–4
- 4 topic decks: PLANTS (green), ANIMALS (yellow), FORCES (blue), STATES OF MATTER (red)
- On your turn, draw a card from any topic deck.
- Correct answer → roll die and move. Wrong → no move this turn.
- SHORTCUT squares: give a bonus question — answer correctly to jump forward 4 spaces.
- First to reach FINISH wins.
- Science challenge mode: both players answer the same question — first to raise hand answers.

Plants questions (green cards)

- What do plants use sunlight for? (photosynthesis — making food)
- What is the job of roots? (absorb water and nutrients; anchor the plant)
- What carries water up the stem to the leaves? (the xylem / tubes in the stem)
- What are the male and female parts of a flower called? (stamen and pistil)
- Name 3 things a plant needs to grow. (sunlight, water, carbon dioxide / nutrients / space)



Forces questions (blue cards)

- What force pulls everything towards the Earth? (gravity)
- What force slows things down when they rub together? (friction)
- What unit do we use to measure force? (Newtons)
- Name two types of force. (push, pull, twist, gravity, friction, magnetic, air resistance)
- If a boat floats, what two forces are balanced? (gravity pulling down / upthrust pushing up)

