

Science Vocabulary Picture Bingo

15-minute suggested lesson | Primary science | 1-4 players

Name everyday science items and distinguish a symbol from the thing it represents.

Learning goals

- Match eight spoken science words to their agreed picture prompts.
- Give one observation or simple description of a familiar science item.

Prepare

- Print the pack on A4 landscape, cut out the four cards and provide counters.
- Keep the caller sheet. If available, prepare a plant, a container of water and a classroom magnet for supervised demonstration.

Card pack: A4 landscape, 100% scale. This teacher guide: A4 portrait. Use age-appropriate counters.

Teach and play

0-4 min / Connect words to examples

Show the eight caller tiles and name their intended labels. Use a real object where available. Explain the symbolic pictures for Animal and Air.

4-6 min / Demonstrate the game

Give out cards, mark FREE and show a row of three. Model one direct word call and a matching counter.

6-12 min / Play and record calls

Shuffle the tiles and call the exact names. Add a simple description once words are familiar. Keep a call record and check all claimed lines.

12-15 min / Observe and describe

Invite each child to choose one tile and say something they can observe or already know. Separate observation from a guess. Model a more precise explanation when needed.

Quick learning check

Can the child name an item and give one appropriate description? Ask how the Air picture differs from air itself.

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Caller prompts and teaching notes | Keep beside the caller sheet

Start with direct labels. Keep called tiles aside. Mark FREE before play; check a row, column or diagonal of three against the call record. All cards share eight items: line wins may tie and full-house games finish together.

Eight labels - matched to the card pack

Plant	Find Plant. The picture shows a seedling.
Animal	Find Animal. Paw prints are our symbol for this word.
Water	Find Water. The picture shows a drop.
Air	Find Air. The motion lines represent moving air.
Sun	Find Sun. The Sun is the star nearest Earth.
Moon	Find Moon. It is Earth's natural satellite.
Magnet	Find Magnet. A magnet attracts some materials.
Microscope	Find Microscope. It helps us look closely at small things.

Teaching note

These are introductory vocabulary prompts, not a classification test. The paw prints stand for Animal and the motion lines stand for Air; neither is a literal picture of the whole concept. Air is present even when still. A magnet attracts some materials, not every metal. The Sun is a star and the Moon is Earth's natural satellite.

Support / extension

Support: Say the word and show a real object or caller tile together. Rehearse the agreed symbol labels before using descriptive clues.

Extend: Ask pupils to suggest a different picture for Air or Animal and explain why it would be useful. Test a teacher-selected material with a magnet and describe the observation.