



GROW Science

Autumn 1 - Weeks 3-7

Ten 40-minute lessons | Revised 6 September 2026

Editable teaching slides, print-ready pupil resources and separate teacher guidance.
Start with the teacher file, then choose the pupil pages and response route you need.

The teaching sequence

Week	Lesson A	Lesson B
3	Friction: friend and enemy	Friction: test the surfaces
4	Levers, pulleys and gears	Two lever positions, one load
5	Planning a fair test	Run and judge a fair test
6	Earth and the planets	Build and challenge an orbit model
7	The Moon's journey	Test a phase-wheel model

Choose a format

PPTX: editable teaching slides with teacher notes.

Slide PDF: a searchable presentation alternative.

Pupil DOCX / PDF: adaptable worksheets or selected pages to print.

Teacher DOCX / PDF: guidance, preparation and separate answers.

XLSX: optional measurement recording in W3B and W5B.

The current sources use A before B, with Monday/Tuesday labels. Follow the teaching order within your own timetable. Each lesson totals 40 minutes.

Use the pack well

Read the teacher guidance before teaching. Choose supported, standard or stretch responses according to the learner; pupils do not need to complete every route. Keep answer files separate. W3A pupil pages 1-2 start the task; choose page 3, 4 or 5, with reusable activity cards on page 6.

Practical and offline choices

Native diagrams, discussion, paper sorting and safe demonstrations replace browser controls and video-dependent tasks. No publisher clips or images are included. Each lesson specifies preparation, safety and suitable alternatives.

Check equipment for your setting before use. Offer an observer/director role or the labelled model-data alternative where appropriate. Model data are teaching examples, not pupil measurements. Preserve original values and note method concerns; record a retry separately.

What this pack covers

These are the ten current taught lessons in Autumn 1 Weeks 3-7. Weeks 1-2 are baseline assessment in the scheme. Separate Standard/Specialist baseline resources have not been assumed equivalent to GROW.

The Autumn 1 calendar has a Week 8 enrichment slot. No approved GROW source for that slot was identified, so this is accurately labelled a Weeks 3-7 pack rather than a complete half term. Older accepted teaching versions remain on the website.

Source versions and checks

SOURCE_MANIFEST.json maps each lesson to the exact website source version and records output formats, sizes, dates and checksums. The weekly HTML remains another teaching option.

The editable files and their PDFs were checked using the available presentation renderer, LibreOffice export and PDF rendering. Every lesson document page and exported slide has recorded visual review. The two workbooks have formula and visual checks. Microsoft Office desktop/mobile, physical printing and classroom equipment have not been tested.

Made by Matt

The approved mark on this guide uses the supplied image unchanged. Teaching files retain the accepted Education colour palette and editable lesson content.