Mathematics lesson-planning template

A reusable blank planning sheet for mathematics.

Lesson title

Name the mathematical concept or problem for this lesson.

Objective

State a specific, learner-centred intention: what learners will do by the end of this lesson. Use an observable action verb such as show, apply, compare or explain. Frame it as SMART: specific, measurable, achievable, relevant and time-bound.

Measurable outcome

At a defined endpoint, what will learners be able to demonstrate, produce or explain? Name visible evidence and, where useful, a measure or condition.

Success criteria

What evidence will show the objective has been met? Write clear, checkable signs of learning, such as learner-facing “I can…” statements.

Key vocabulary

Which terms will learners explore or revisit before formal instruction? Note a familiar meaning, example, translation or pronunciation that may help.

Plan the learning route and access

Use the spaces below to consider a lesson opening, context and representation options.

Starter

What brief opening could activate prior knowledge, invite learners to explore or revisit key vocabulary, or surface their starting ideas before formal instruction?

Real-world or careers link

Where might this mathematics appear in a context, task or career that could matter to learners?

Representations

Consider a concrete-to-pictorial-to-abstract progression where it suits the concept and learners. What connects each step?

Concrete — physical materials

Pictorial — visual models or diagrams

Abstract — symbolic notation

Learner access

What options will help learners access and express the mathematics? Include a non-visual alternative, such as spoken explanation, tactile materials or verbal description; no single representation suits everyone.