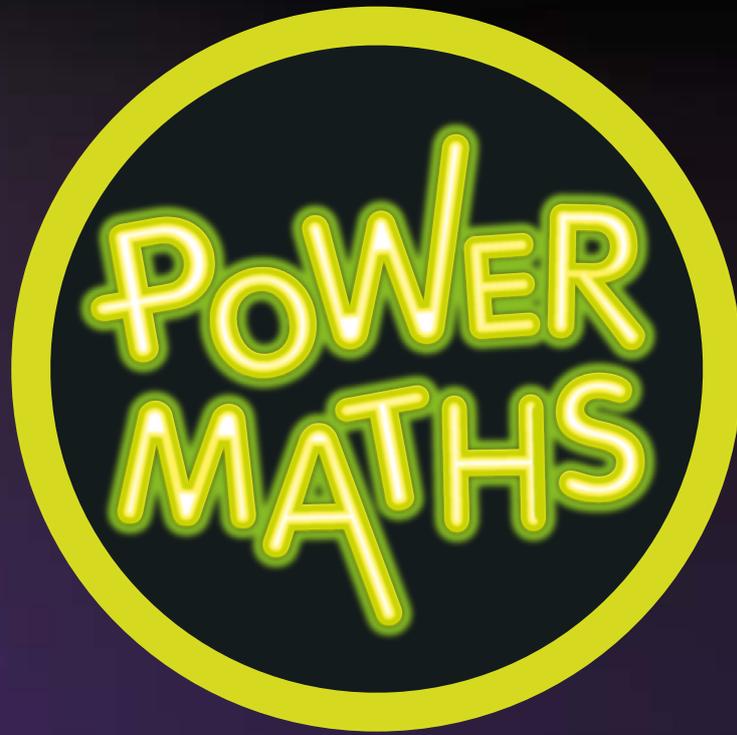


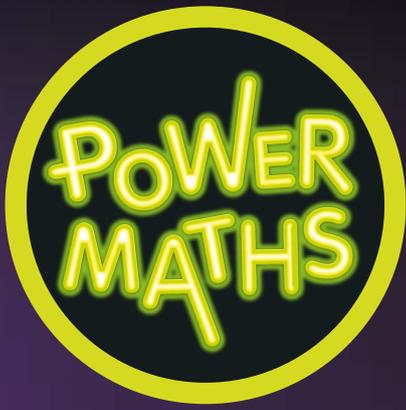
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MATHS



Getting started with Power Maths





Before you get started

As you prepare to put Power Maths into action, you might find the tips and advice below helpful.

Train up!

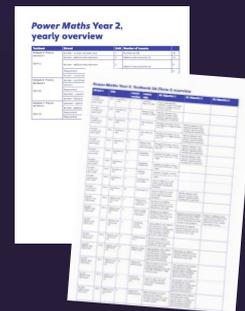
A practical, full-day professional development course will give you and your team a brilliant head-start as you begin your Power Maths journey. You will learn more about the ethos, how it works and why.

Remember!

You can match your lessons and pacing to your class.

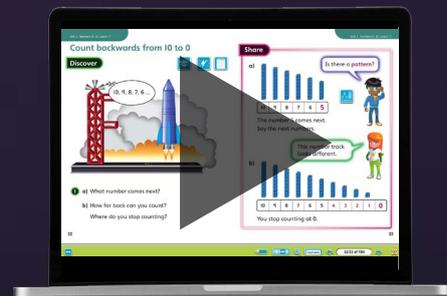
Check out the progression

Take a look at the yearly and termly overviews in the Planning area. You'll also find a detailed overview of each unit in your Teacher Guide.



Understand the lesson structure

To understand the lesson structure in more detail, have a look at the sections of the Teacher Guide on the teaching model (p.10) and the lesson sequence (p.12), or [watch this video](#).



We're here to help

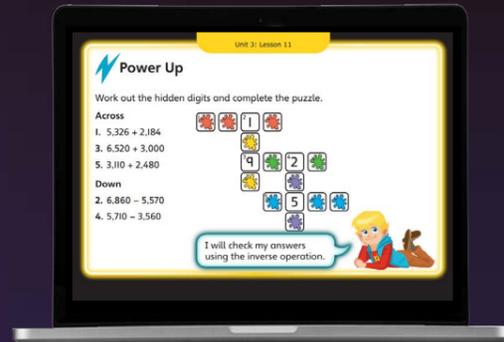
If you have any questions about setting up and using your subscription, **contact your Local Educational Consultant**.

Getting started with the Power Maths Y1-6 resources

Here's a quick guide to the resources you'll need and where to find them.

Every day

Power Up – these online starter activities reinforce key skills. You can launch them from hotspots in the eTextbook or from the main Resources page. Alternatively, use the 'Quick recap' in the Teacher Guide to check prerequisite learning.

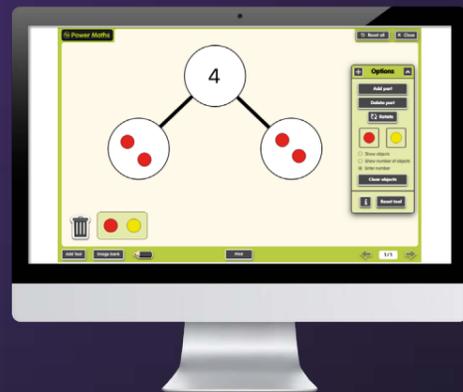


Manipulatives – every lesson has suggestions on how to use resources to support the CPA approach, so you can apply this all the way through your school. Find these under 'Practical tips' in the Discover part of the lesson in the Teacher Guide.

Textbook – the main part of the lesson uses the Textbook. Open the unit you are teaching from within the Planning area to find the online version (eTextbook). Some teachers like to use the eTextbook for the Discover section on the first page and then open the hard copy books for the Share section.



Teaching Tools – use these flexible interactives to explore key mathematical representations together. Launch them from the eTextbook or the Resources page.



Practice Books – hard copy books offering intelligent practice in small steps, leading on from the Textbook pages and ending with a Reflect activity.

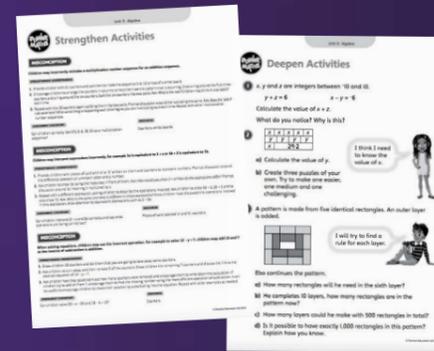
Every unit

Unit Video – PD videos, designed to be watched before teaching a unit, explore common misconceptions and include intervention suggestions.



Starter Activity – Use these 2 pages in the Textbook/eTextbook to check prior knowledge and introduce key vocabulary, structures and representations.

End of Unit Check – in the Textbook/eTextbook. Shows which children have mastered the learning and any misconceptions for those that haven't. There are accompanying journal pages in the Practice Book.

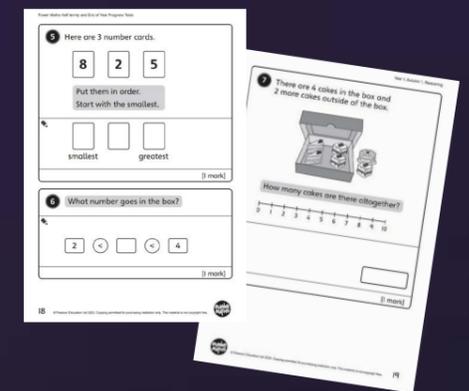


Strengthen Activity – online activities so that children can address any misconceptions with a supporting adult.

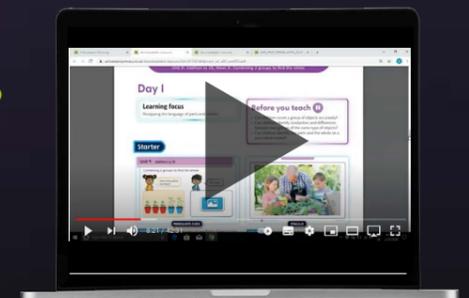
Deepen Activity – independent 'low threshold, high ceiling' online tasks.

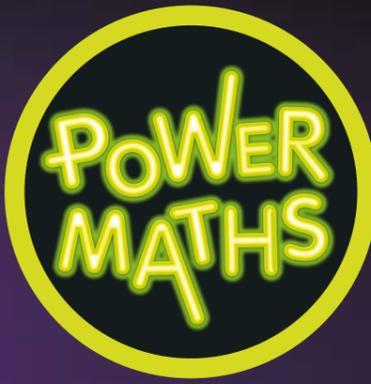
Every half term

Progress Tests – printable tests with an accompanying online markbook to assess children each half term with Arithmetic and Reasoning tests based specifically on what they've covered.



Are you a Reception teacher?
[Watch this video.](#)





Take a closer look at a Power Maths Unit

Navigate to the Planning area to find all your planning, teaching and assessment resources organised by unit. Here's Year 1 Unit 1:

Unit 1: Numbers to 10

Objectives

Quick Links

Before you teach

Unit video - Year 1, Unit 1: Numbers to 10

00:00 - Introduction to the unit & where this unit fits
00:25 - Why is this unit important?
00:41 - Structures and representations
01:40 - Key vocabulary
02:15 - Misconceptions and interventions
03:48 - Assessing for mastery
04:28 - Going deeper

Teacher guide

The PDF below contains all the teacher notes for all the lessons in this unit. Teacher notes for individual lessons can also be accessed by the eTextbook pages in the Teach section below.

Teaching tools in this unit

These are the Teaching Tools used in this unit. The relevant tool can also be accessed through the hotspots in the eTextbook pages in the Teach section below.

Teach

Each of the thumbnails below is a link to a specific lesson in the eTextbook. At the start of each lesson there are three hotspots:

1. Power Ups to practise daily number fluency
2. Teacher guide with teacher notes for that specific lesson
3. Working out paper, a tool which allows you to make jottings

The other hotspots provide the Teaching Tools relevant to the content being taught.

Assess

The End of unit check provides assessment activities. Clicking on the thumbnail will open the relevant pages in the eTextbook.

Follow-up activities

Answers

Answers to Power Ups, Strengthen and Deepen Activities, and Practice Books can be found below. Answers for the Textbooks can be found in the relevant Teacher Guide.

Individual Practice Games

Click on an activity to launch it or allocate it for children to access via the Pupil World. There is an A, B and C version of each game for Support, Core and Extend levels respectively. You can also use the Resources page to filter for games linked to a specific curriculum objective.

Objectives for the unit

Links to all of the Teaching Tools you need for the unit

A Starter Activity at the beginning of each unit to check prior knowledge and introduce the unit

Printable Strengthen Activities to address key misconceptions and Deepen Activities to provide challenge at the end of each unit

Online Individual Practice Games for Years 1 to 6 to practise key number skills

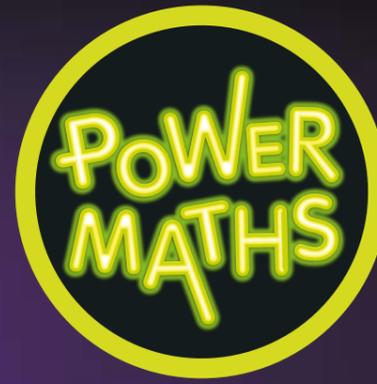
A professional development video at the start of each unit

Online versions of the Teacher Guide pages that contain all the relevant teacher notes for the lessons in the unit

Direct links to each lesson in the eTextbook

An End of unit check provides assessment activities to show which children have mastered the learning

Answers to Power Ups, Strengthen and Deepen Activities and Practice Books



Look inside a Power Maths eTextbook

Get to know the hotspots in your Power Maths eTextbooks.

Three hotspots at the start of every lesson



Teacher Guide with teacher notes for this specific lesson



Power Up Activity to practise daily number fluency



Working out paper where you can make jottings

Unit 14: Decimals, Lesson 1

Add and subtract decimals within 1

Discover

We have lots of each different length of track.

I used three pieces of different lengths to make the straight section.

Isla

Richard

0.8 m

Share

a) There are track pieces 0.1 m, 0.2 m, 0.3 m and 0.4 m long. You need to find three pieces of different lengths that add up to 0.8 m.

0.4 m + 0.3 m + 0.1 m = 0.8 m

Richard could have used 0.4 m, 0.3 m and 0.1 m track pieces to make the straight section.

b) There are several possible answers. Here are 2 ways:

0.4 m + 0.2 m + 0.2 m = 0.8 m

Isla could have used one 0.4 m and two 0.2 m pieces.

Or she could have used two 0.3 m and one 0.2 m pieces to make a track of 0.8 m.

I have found other answers that add to 8 tenths.

88

89

Draw tool to annotate and highlight as you teach on the Interactive Whiteboard



Teaching Tools that are relevant to the content being taught

POWER MATHS



To access your Power Maths subscription, simply log in to [Active Primary](#)

