



Pre and post-testing on Sumdog

Use our low-stakes tests to help gauge where children need extra support and additional practice.

National Curriculum
termly tests

White Rose Maths
aligned topic tests

National Curriculum
topic tests

Create-your-own
tests



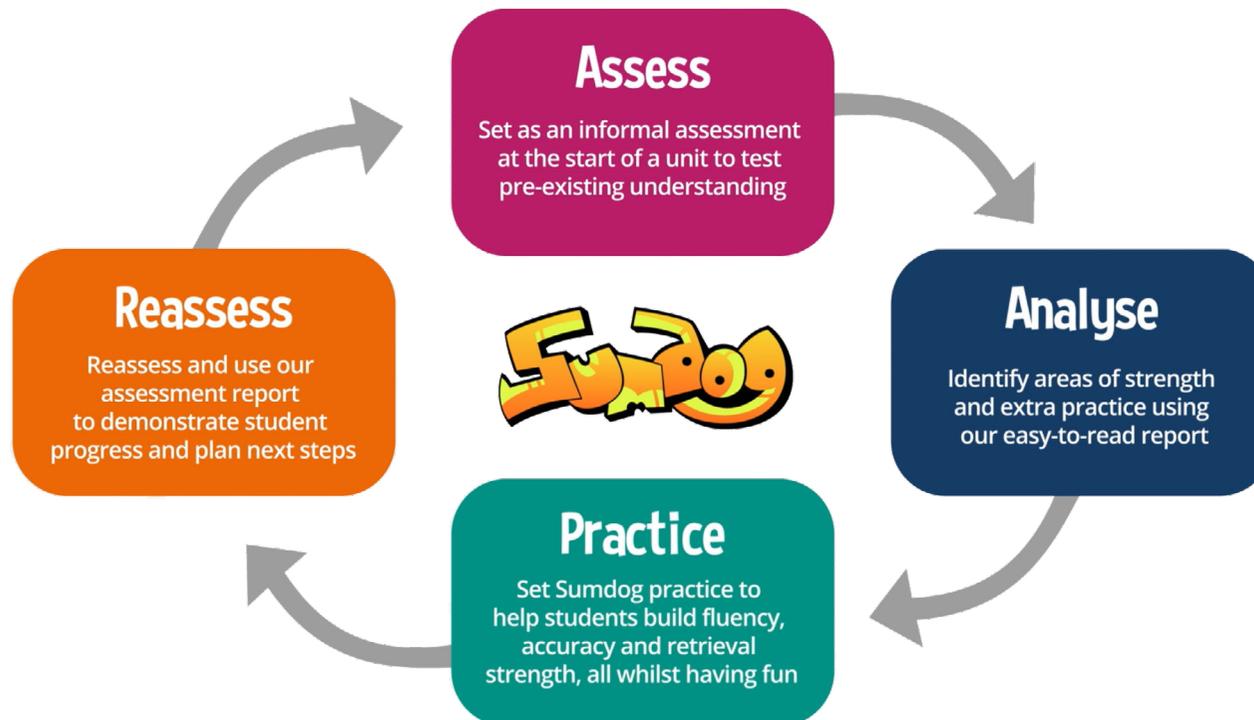
What do we mean by pre and post-testing?

Pre-testing is like looking at a road map before starting an adventure. It informs educators about their pupils' current knowledge, skills, and misconceptions before new instruction begins. Here's how it serves as an invaluable tool:

- ✓ Identifies baseline knowledge: Pinpoints exactly what each student knows.
- ✓ Guides instructional planning: Helps teachers plan to address the diverse needs within the classroom.
- ✓ Sets growth measurements: Establishes a starting line from which progress can be measured.

Post-test acts as a reflective mirror showcasing the growth and areas still needing polish. This pivotal tool has several benefits:

- ✓ Evaluates achievement: Clearly demonstrates what pupils have learned.
- ✓ Informs future teaching: Highlights topics that need reteaching or further exploration.
- ✓ Motivates pupils: Allows learners to see their own growth, boosting morale and motivation.





How can Sumdog be used as a pre and posting-testing tool?

Sumdog offers two types of tests: pre-made topic and termly tests, and a tool to create customised tests within a specific topic.

Unlike traditional tests, these low-stakes online tests are an informal means of reliably gauging where children need extra support and additional practice, without making them sit down to complete a written test.

Our ready-made tests and create-your-own tool can be used as part of your maths teaching cycle, to help identify where children may need additional support and to demonstrate progress from previous Sumdog maths practice activities.

NEW: Measure progress between tests

Sumdog has introduced a new feature that allows you to repeat an test and compare the scores to see how they have changed. This feature is handy for measuring progress and identifying areas where extra support may be needed. Simply repeat the initial test and observe the difference in scores to see the growth.

Change over time
This assessment is a repeat of [an earlier assessment](#)

FIRST	LAST	MAR 5 2024	MAR 6 2024	CHANGE
Adam	Wood	8	13	+5
Judy	Smart	9	13	+4
Molly	Williams	9	13	+4
Lizzie	H	10	13	+3
Penny	Byrne	14	15	+1
Lola	Harris	13	14	+1
Sophie	Barnes	11	11	0
Ruby	Kirsten	13	10	-3
Tom	B	-	-	-
Stacy	Hood	-	-	-

Show 10 1 - 10 of 10



How can they be used?

Our library of tests can be used for both pre and post-testing. You can check prior learning at the start of a topic or unit, or at the end to ensure your class is ready to move on.

Example 1

Pre-testing

A Year 4 teacher about to start teaching fractions and decimals sets a Year 3 fractions and decimal test to assess their knowledge and identify any gaps that need consolidation before moving on to the new learning.

Post-testing

After teaching the topic, the Year 4 teacher sets the Year 4 fractions and decimals test to show where progress has been made and to help identify next steps for the children.

"Compare and ordering fractions quiz" - summary assessment report

Participation
Your assessment was available on 14th September

Distribution of scores
Out of 25 questions:

> 80%	0
60 - 80%	0
40 - 60%	1
20 - 40%	2
0 - 20%	0
Incomplete	0

DETAILED REPORT

Most challenging questions
Questions with the lowest number of students answering correctly, among those who have completed the assessment

- 2 National Curriculum > Year 3 > Number > Fractions > 3.N.F.6
Compare and order unit fractions, and fractions with the same denominators. [0]
- 12 National Curriculum > Year 3 > Number > Fractions > 3.N.F.6
Compare and order unit fractions, and fractions with the same denominators. [0]
- 15 National Curriculum > Year 3 > Number > Fractions > 3.N.F.6
Compare and order unit fractions, and fractions with the same denominators. [0]
- 23 National Curriculum > Year 3 > Number > Fractions > 3.N.F.6
Compare and order unit fractions, and fractions with the same denominators. [0]
- 3 National Curriculum > Year 3 > Number > Fractions > 3.N.F.6
Compare and order unit fractions, and fractions with the same denominators. [1]

SEE MORE QUESTIONS

Preview your assessment questions

1 What is $\frac{9}{11}$?

2 What fraction?

3 What is $\frac{1}{10}$?

4 One and three eighths

5 Fraction shaded?

DONE

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SEE MORE QUESTIONS

Preview your assessment questions

1 Equivalent to $\frac{1}{2}$?

2 Equivalent to $\frac{1}{4}$?

3 $\frac{83}{100}$, $\frac{85}{100}$, $\frac{86}{100}$

4 How do you find $\frac{1}{10}$ of 70?

5 $\frac{1}{10}$ of 70?



Create your own Sumdog tests

This tool enables teachers to choose specific steps to evaluate learning in a single lesson or select 2 or more skills to assess a week's worth of learning.

Example 2

Pre-testing

A Year 5 teacher is teaching a series of lessons on decimals, they create a test on a few Year 4 decimals skills to look at prior knowledge to help gauge where gaps are.

Generate your assessment questions

NATIONAL CURRICULUM WHITE ROSE MATHS

Q decimal

Number Year 4

- Recognise and write decimal equivalents of any number of tenths or hundredths. Year 4 > Number > Fractions (including decimals)
- Round decimals with one decimal place to the nearest whole number. Year 4 > Number > Fractions (including decimals)
- Compare numbers with the same number of decimal places up to two decimal places. Year 4 > Number > Fractions (including decimals)
- Solve simple measure and money problems involving fractions and decimals. Year 4 > Number > Fractions (including decimals)

Preview your assessment questions

1 Round 5.4 to the nearest one

6 4 5 50

2 What fraction is 0.5?

$\frac{51}{100}$ $\frac{50}{100}$ 5 2

3 0.63 > 0.68

< = >

CHOOSE SKILLS SAVE

Post-testing

After each lesson, the Year 5 teacher creates a test on the skill they have just taught to identify if the children need to consolidate the learning or they can move on to the next phase of the learning.

Generate your assessment questions

NATIONAL CURRICULUM WHITE ROSE MATHS

Q decimal

Number Year 5

- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. Year 5 > Number > Fractions (including decimals and percentages)
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. Year 5 > Number > Multiplication and division
- Read and write decimal numbers as fractions. Year 5 > Number > Fractions (including decimals and percentages)
- Round decimals with two decimal places to the nearest whole number. Year 5 > Number > Fractions (including decimals and percentages)
- Read, write, order and compare numbers with up to three decimal places. Year 5 > Number > Fractions (including decimals and percentages)
- Solve problems involving number up to three decimal places. Year 5 > Number > Fractions (including decimals and percentages)
- Solve problems which require knowing percentage and decimal equivalents. Year 5 > Number > Fractions (including decimals and percentages)

Preview your assessment questions

1 $1 > \frac{1}{10}$ %

19% 32% 190%

2 What decimal is 81%?

0.081 0.55 8.1 0.81

3 $\frac{6}{100} = ?$

60% 72% 6% $\frac{3}{5}$ %

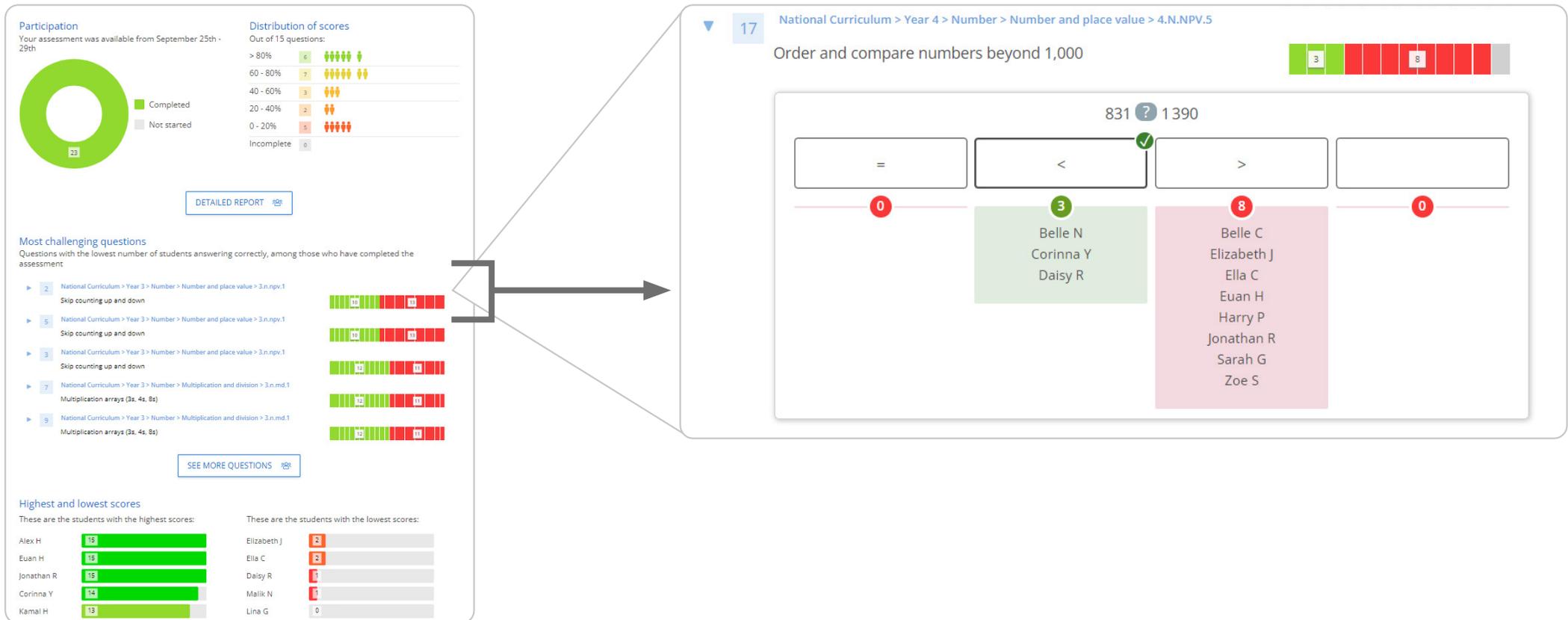
CHOOSE SKILLS SAVE



Reporting

Our assessment tools are supported by in-depth automated reporting so that you can gather the insights you need and plan your teaching accordingly. We've worked with teachers to enhance our assessment report to ensure you're able to quickly and easily analyse results at class and individual pupil level.

- View results in real-time with our easy-to-interpret class overview.
- See which questions pupils answered correctly and who might need a little extra practice.





Find out how pre and post-testing on Sumdog can be used in your school

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learn.sumdog.com