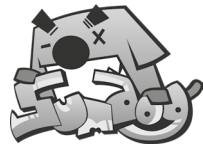


Sumdog White Rose Maths Aligned Tests

Test Framework & Score Trackers



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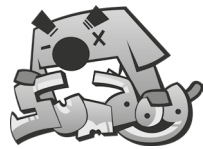
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Example Test 29



Introduction

Sumdog is an interactive maths and spelling platform for children aged between 5 and 14 years old that combines pupil engagement with quality question content and comprehensive curriculum alignment. Our huge bank of curriculum-aligned maths questions help children to build fluency through regular practice and teachers to diagnose, assess and identify areas for improvement. Questions can be answered in one of over 30 varied and exciting games or in a low-stakes test format, and answering questions earns children coins that can be used to upgrade their 3D avatars, houses and gardens.

Sumdog White Rose Maths Tests

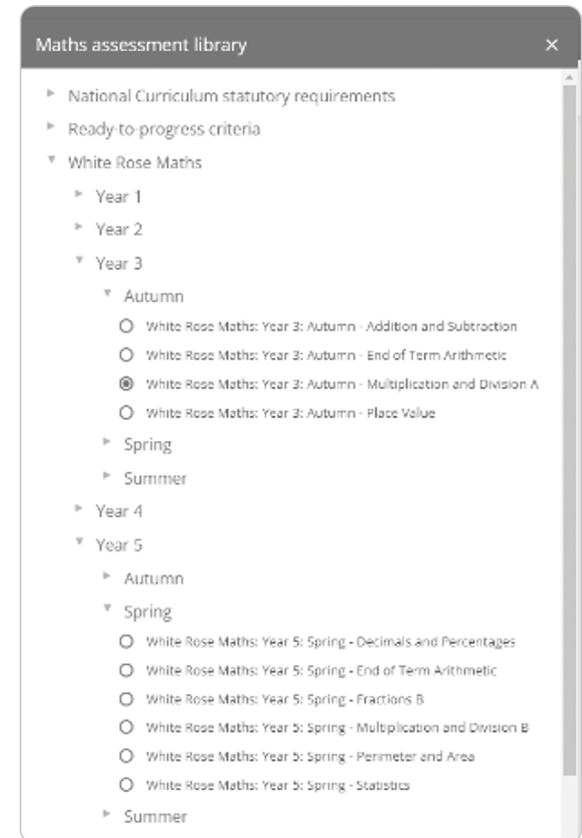
In 2021, with permission from White Rose Maths (WRM), we released a bank of fully aligned low-stakes tests on Sumdog to complement the resources offered by WRM. As these tests are made up of Sumdog question content, they provide teachers using WRM with a different medium to assess learning, plan next steps and add variety to their pupils' learning.

In conjunction with the release of our own WRM-aligned scheme (see our [scheme of learning document](#) for more details), these tests have now been realigned to match Version 3 of the WRM scheme and updated with brand new question content.

Our 96 tests now cover all of the WRM 'blocks' in the Version 3 scheme (with the exception of Year 2: Position and Direction and Year 5: Volume), and have been named to match the 'blocks' so you can easily see which test corresponds to your in-class teaching.

This document has been designed to provide more information about each of our tests, help you to find out which ones match your in-class teaching and provide a template for tracking pupil scores across the suite of tests.

Questions in our WRM assessments are presented outside of games to help children focus, but still in the familiar environment of Sumdog, enabling you to set low-stakes, informal assessments that still generate invaluable insights into your pupils' progress.



Term	Block	Small Step	Recommended Sumdog White Rose Maths Skill	Sumdog White Rose Maths Assessment Opportunity
Autumn	Addition and subtraction (within 10)	Number bonds to 10	Number bonds to 10	
		Addition - add together	Addition - add together	
		Addition - add more	Addition - add more	
		Addition problems	Addition problems	
		Find a part	Find a part	
		Subtraction - find a part	Subtraction - find a part	
		Fact families - the eight facts	Fact families - the eight facts	
		Subtraction - take away/cross out (How many left?)	Revision - Subtraction - find a part	
		Take away (How many left?)	Take away (How many left?)	
		Subtraction on a number line	Subtraction on a number line	
	Add or subtract 1 or 2	Add or subtract 1 or 2	Year 1 - Addition and subtraction (within 10)	
	Shape	Recognise and name 3-D shapes	Recognise and name 3-D shapes	
		Sort 3-D shapes	Sort 3-D shapes	
		Recognise and name 2-D shapes	Recognise and name 2-D shapes	
Sort 2-D shapes		Sort 2-D shapes	Year 1 - End of term arithmetic (Autumn)	
	Patterns with 2-D and 3-D shapes	Patterns with 2-D and 3-D shapes	Year 1 - Shape	

Skills in bold indicate revision skills that have been suggested where a White Rose Maths small step has no directly equivalent skill on Sumdog.

White Rose Maths on Sumdog - Scheme of Learning



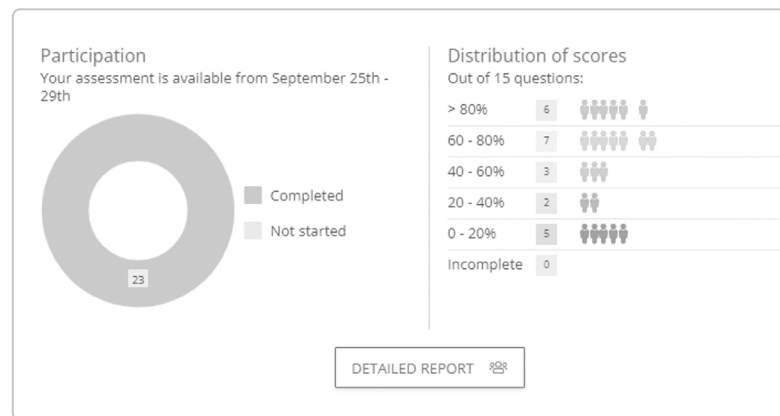
Introduction (continued)

Assessment Reporting

To help you gather the insights you need and plan your teaching accordingly, our Assessment Library is supported by in-depth automated reporting. 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.

Our reports enable you to:

- View results in real-time including participation, score distribution and highest/lowest scores
- See which questions pupils answered specific questions correctly/incorrectly
- See how pupils answered incorrectly to identify misconceptions



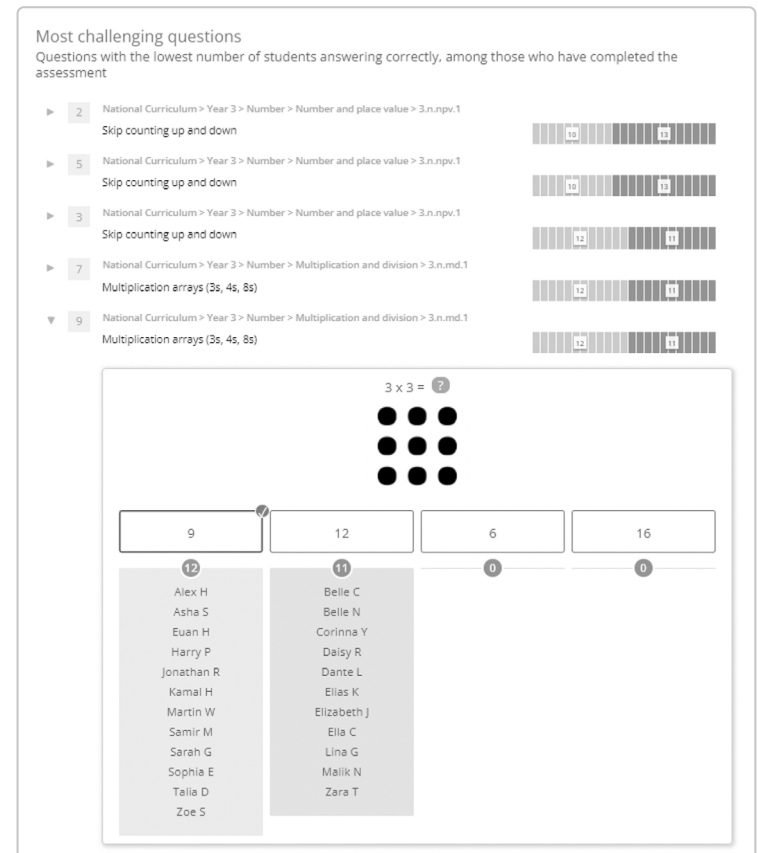
Use Case

Our assessments are suitable for both pre- and post- testing, so you can use them to either check prior learning at the start of a WRM 'block' or at the end of one to ensure your class are ready to move on.

For example, a Year 3 teacher who is about to start teaching 'Shape' block in the Summer term of Year 3 could set our 'Year 2: Autumn - Shape' at the start of

the block and 'Year 3: Summer - Shape' at the end. In both cases, our assessment reporting could be used to quickly identify areas for improvement and misconceptions so intervention can be planned as necessary.

For recommendations on which of our tests are most suitable to check prior learning and more detailed recommendations for how to use Sumdog alongside WRM, please refer to our [scheme of learning document](#).



Assessments List – Year 1



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 1: Autumn – Place Value to 10	9
	White Rose Maths: Year 1: Autumn – Addition and Subtraction to 10	8
	White Rose Maths: Year 1: Autumn – Shape	10
	White Rose Maths: Year 1: Autumn – End of Term Arithmetic	8
Spring	White Rose Maths: Year 1: Spring – Place Value to 20	8
	White Rose Maths: Year 1: Spring – Addition and Subtraction to 20	8
	White Rose Maths: Year 1: Spring – Place Value to 50	11
	White Rose Maths: Year 1: Spring – Length and Height	8
	White Rose Maths: Year 1: Spring – Mass and Volume	8
	White Rose Maths: Year 1: Spring – End of Term Arithmetic	8
Summer	White Rose Maths: Year 1: Summer – Multiplication and Division	9
	White Rose Maths: Year 1: Summer – Fractions	10
	White Rose Maths: Year 1: Summer – Position and Direction	8
	White Rose Maths: Year 1: Summer – Place Value within 100	10
	White Rose Maths: Year 1: Summer – Money	8
	White Rose Maths: Year 1: Summer – Time	10
	White Rose Maths: Year 1: Summer – End of Term Arithmetic	8

Assessments List – Year 2



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 2: Autumn – Place Value	12
	White Rose Maths: Year 2: Autumn – Addition and Subtraction	8
	White Rose Maths: Year 2: Autumn – Shape	15
	White Rose Maths: Year 2: Autumn – End of Term Arithmetic	11
Spring	White Rose Maths: Year 2: Spring – Money	10
	White Rose Maths: Year 2: Spring – Multiplication and Division	20
	White Rose Maths: Year 2: Spring – Length and Height	8
	White Rose Maths: Year 2: Spring – Mass, Capacity and Temperature	18
	White Rose Maths: Year 2: Spring – End of Term Arithmetic	10
Summer	White Rose Maths: Year 2: Summer – Fractions	12
	White Rose Maths: Year 2: Summer – Time	10
	White Rose Maths: Year 2: Summer – Statistics	15
	White Rose Maths: Year 2: Summer – Position and Direction	N/A
	White Rose Maths: Year 2: Summer – End of Term Arithmetic	11

White Rose Maths-aligned assessments tracker – Year 2 Autumn



Pupil Name	Week of	Week of	Week of	Week of
	Place Value	Addition and Subtraction	Shape	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 2 Spring



Pupil Name	Week of	Week of	Week of	Week of	Week of
	Money	Multiplication and Division	Length and Height	Mass, Capacity and Temperature	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 2 Summer



Pupil Name	Week of	Week of	Week of	Week of	Week of
	Fractions	Time	Statistics	Position and Direction	End of Term Arithmetic

Assessments List – Year 3



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 3: Autumn – Place Value	14
	White Rose Maths: Year 3: Autumn – Addition and Subtraction	11
	White Rose Maths: Year 3: Autumn – Multiplication and Division A	15
	White Rose Maths: Year 3: Autumn – End of Term Arithmetic	12
Spring	White Rose Maths: Year 3: Spring – Multiplication and Division B	16
	White Rose Maths: Year 3: Spring – Length and Perimeter	16
	White Rose Maths: Year 3: Spring – Fractions A	12
	White Rose Maths: Year 3: Spring – Mass and Capacity	12
	White Rose Maths: Year 3: Spring – End of Term Arithmetic	14
Summer	White Rose Maths: Year 3: Summer – Fractions B	15
	White Rose Maths: Year 3: Summer – Money	12
	White Rose Maths: Year 3: Summer – Time	10
	White Rose Maths: Year 3: Summer – Shape	11
	White Rose Maths: Year 3: Summer – Statistics	15
	White Rose Maths: Year 3: Summer – End of Term Arithmetic	16

White Rose Maths-aligned assessments tracker – Year 3 Autumn



Pupil Name	Week of	Week of	Week of	Week of
	Place Value	Addition and Subtraction	Multiplication and Division A	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 3 Spring



Pupil Name	Week of Multiplication and Division B	Week of Length and Perimeter	Week of Fractions A	Week of Mass and Capacity	Week of End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 3 Summer



Pupil Name	Week of	Week of	Week of	Week of	Week of
	Money	Time	Shape	Statistics	End of Term Arithmetic

Assessments List – Year 4



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 4: Autumn – Place Value	14
	White Rose Maths: Year 4: Autumn – Addition and Subtraction	10
	White Rose Maths: Year 4: Autumn – Area	10
	White Rose Maths: Year 4: Autumn – Multiplication and Division A	20
	White Rose Maths: Year 4: Autumn – End of Term Arithmetic	10
Spring	White Rose Maths: Year 4: Spring – Multiplication and Division B	20
	White Rose Maths: Year 4: Spring – Length and Perimeter	18
	White Rose Maths: Year 4: Spring – Fractions	20
	White Rose Maths: Year 4: Spring – Decimals A	10
	White Rose Maths: Year 4: Spring – End of Term Arithmetic	10
Summer	White Rose Maths: Year 4: Summer – Decimals B	10
	White Rose Maths: Year 4: Summer – Money	15
	White Rose Maths: Year 4: Summer – Time	14
	White Rose Maths: Year 4: Summer – Shape	14
	White Rose Maths: Year 4: Summer – Statistics	10
	White Rose Maths: Year 4: Summer – Position and Direction	8
	White Rose Maths: Year 4: Summer – End of Term Arithmetic	10

White Rose Maths-aligned assessments tracker – Year 4 Autumn



Pupil Name	Week of	Week of	Week of	Week of	Week of
	Place Value	Addition and Subtraction	Area	Multiplication and Division A	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 4 Spring



Pupil Name	Week of Multiplication and Division B	Week of Length and Perimeter	Week of Fractions	Week of Decimals A	Week of End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 4 Summer



Pupil Name	Week of	Week of	Week of	Week of	Week of	Week of	Week of
	Decimals B	Money	Time	Shape	Statistics	Position and Direction	End of Term Arithmetic

Assessments List – Year 5



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 5: Autumn – Place Value	15
	White Rose Maths: Year 5: Autumn – Addition and Subtraction	10
	White Rose Maths: Year 5: Autumn – Multiplication and Division A	25
	White Rose Maths: Year 5: Autumn – Fractions A	16
	White Rose Maths: Year 5: Autumn – End of Term Arithmetic	10
Spring	White Rose Maths: Year 5: Spring – Multiplication and Division B	15
	White Rose Maths: Year 5: Spring – Fractions B	18
	White Rose Maths: Year 5: Spring – Decimals and Percentages	10
	White Rose Maths: Year 5: Spring – Perimeter and Area	12
	White Rose Maths: Year 5: Spring – Statistics	12
	White Rose Maths: Year 5: Spring – End of Term Arithmetic	14
Summer	White Rose Maths: Year 5: Summer – Shape	15
	White Rose Maths: Year 5: Summer – Position and Direction	15
	White Rose Maths: Year 5: Summer – Decimals	22
	White Rose Maths: Year 5: Summer – Negative Numbers	10
	White Rose Maths: Year 5: Summer – Converting Units	16
	White Rose Maths: Year 5: Summer – Volume	N/A
	White Rose Maths: Year 5: Summer – End of Term Arithmetic	15

White Rose Maths-aligned assessments tracker – Year 5 Autumn



Pupil Name	Week of	Week of	Week of	Week of	Week of
	Place Value	Addition and Subtraction	Multiplication and Division A	Fractions A	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 5 Spring



Pupil Name	Week of Multiplication and Division B	Week of Fractions B	Week of Decimals and Percentages	Week of Perimeter and Area	Week of Statistics	Week of End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 5 Summer



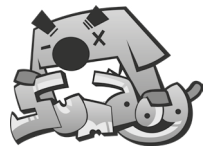
Pupil Name	Week of	Week of	Week of	Week of	Week of	Week of	Week of
	Shape	Position and Direction	Decimals	Negative Numbers	Converting Units	Volume	End of Term Arithmetic

Assessments List – Year 6



Term	Sumdog Test	# Questions
Autumn	White Rose Maths: Year 6: Autumn – Place Value	20
	White Rose Maths: Year 6: Autumn – Addition, Subtraction, Multiplication and Division	15
	White Rose Maths: Year 6: Autumn – Fractions A	22
	White Rose Maths: Year 6: Autumn – Fractions B	22
	White Rose Maths: Year 6: Autumn – Converting Units	12
	White Rose Maths: Year 6: Autumn – End of Term Arithmetic	10
Spring	White Rose Maths: Year 6: Spring – Ratio	20
	White Rose Maths: Year 6: Spring – Algebra	20
	White Rose Maths: Year 6: Spring – Decimals	14
	White Rose Maths: Year 6: Spring – Fractions, Decimals and Percentages	20
	White Rose Maths: Year 6: Spring – Area, Perimeter and Volume	18
	White Rose Maths: Year 6: Spring – Statistics	15
	White Rose Maths: Year 6: Spring – End of Term Arithmetic	15
Summer	White Rose Maths: Year 6: Summer – Shape	20
	White Rose Maths: Year 6: Summer – Position and Direction	15
	White Rose Maths: Year 6: Summer – End of Term Arithmetic	15

White Rose Maths-aligned assessments tracker – Year 6 Autumn



Pupil Name	Week of	Week of	Week of	Week of	Week of	Week of
	Place Value	Addition, Subtraction, Multiplication and Division	Fractions A	Fractions B	Converting Units	End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 6 Spring



Pupil Name	Week of Ratio	Week of Algebra	Week of Decimals	Week of Fractions, Decimals and Percentages	Week of Area, Perimeter and Volume	Week of Statistics	Week of End of Term Arithmetic

White Rose Maths-aligned assessments tracker – Year 6 Summer



Pupil Name	Week of	Week of	Week of
	Shape	Position and Direction	End of Term Arithmetic

Example Test

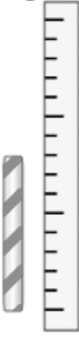


These questions have been taken from the Year 2: Spring - Length and Height test. Please note that in these example questions, the green tick indicating the correct answer will not appear on a child's screen when they take the test and questions will be presented one at a time.

1 The width of a desk could be...

2 cm 2 mm 2 km 2 m

2 Mina is measuring with her 15cm ruler.
What is the height of the straw?



9 cm 10 cm 8 cm 7 cm

3 Less than 53 m?

66 m 69 m 27 m 53 m

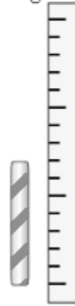
4 Kaylee has a toy van. The van is 24cm long. They also have a toy train. It is 9cm longer. How long is the train?

15 cm 32 cm 9 cm 33 cm



5

Ingrid is measuring with her 15cm ruler.
What is the height of the straw?



- 9cm
- 10cm
- 7cm
- 4cm

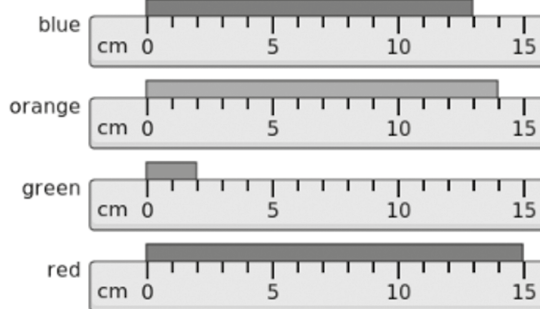
6

Less than 2 cm?

- 92 cm
- 2 cm
- 1 m
- 1 cm

7

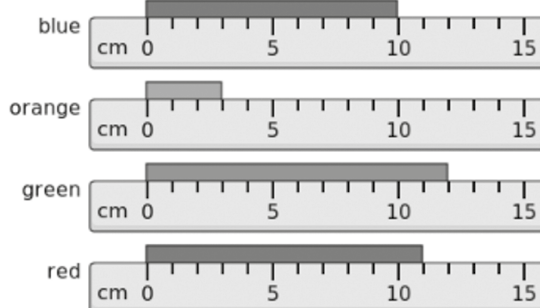
Blue line is longer than the ? line



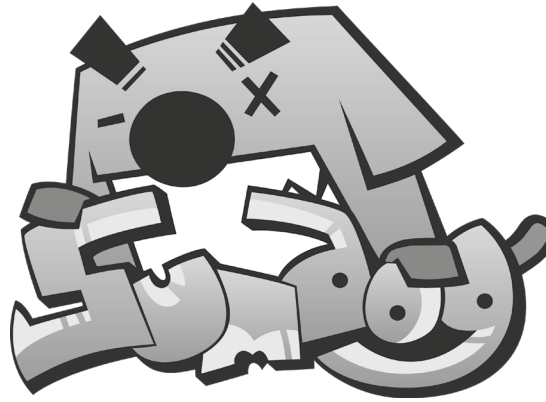
- orange
- red
- green
- blue

8

Which line is the shortest?



- blue
- green
- red
- orange



Interested in trying our updated White Rose Maths-aligned tests?

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