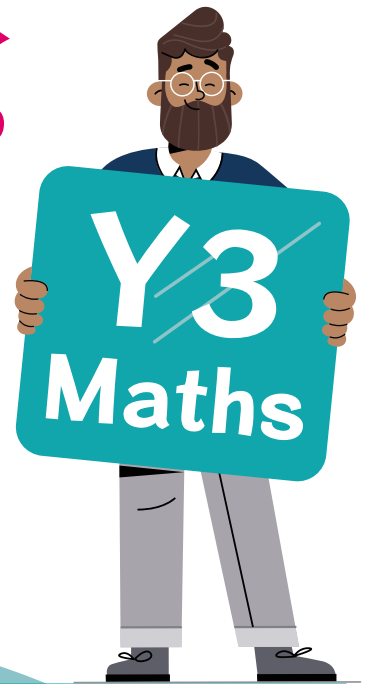# What's missing from year 3?

Last year, 22,000 pupils from year 6 took the SATs Springboard diagnostics and these were the main gaps they had from year 3 objectives in maths and GPS. We've included handy clickable links to free resources to help address them.

Y3 Maths

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
A cube has ___ edges.	3G3b Describe 3D shapes in different orientations.	35.5%	Recognise and Describe 3D Shapes	No, but 3G2 did
What fraction goes in box A on the number line?	3F1c Recognise unit and non-unit fractions on a number line.	43.5%	Recognise Unit and Non-Unit Fractions on a Number Line	No, but 3F2 and 3F4 did
The time on the clock is ____ minutes to 9.	3M4c Tell the time from an analogue clock, using Roman numerals from I to XII.	46.9%	Using an Analogue Clock	No, but 3M9a did twice and 3M7

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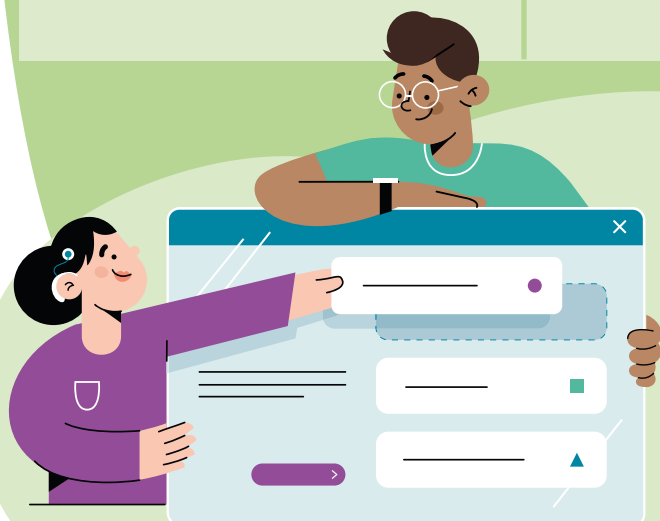# What's missing from year 3?

Y3 GPS

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
Rewrite this sentence in the past perfect. *Tobi decides to leave.*	G4.1b Use the perfect form of verbs.	9%	Identify Different Tenses of the Perfect Verb Form	No
Which sentence shows the word 'after' used as a preposition? • Hasan became tired after he had run all of his races. • Mika was concerned after he realised that the cat had escaped. • Fortunately, Freya was full after her tasty lunch. • Grandpa was upset after the pigeon ate all of his grass seeds.	G1.7 Identify and use prepositions.	35.8%	Practise Identifying Prepositions	Yes
What kind of clause is underlined in the sentence below? Type one word. *As she had come second in both races, Chloe would be running in the final sprint.*	G3.4 Identify subordinate clauses.	42.9%	Understand Main and Subordinate Clauses	Yes

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What's missing from year 4?

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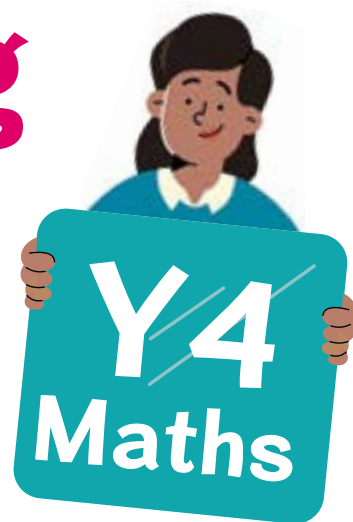
Y4 Maths

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
Petra has sorted the shapes into the sorting diagram. Which shape is in the wrong place?	4G2a Compare quadrilaterals based on their properties and sizes.	29.8%	Compare and Classify Quadrilaterals	No, but 4G2c did
What time in the afternoon does the school day finish in the 24-hour clock?	4M4b Convert time from analogue to digital 24-hour clocks.	42.7%	Convert Between 12-hour and 24-hour Times	No, but 4M9, 4M7a, 4M7b and 4M5 did
Which box of the sorting diagram does the kite go into?	4G2a Compare quadrilaterals based on their properties and sizes.	46.8%	Compare and Classify Quadrilaterals	No, but 4G2c did

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What's missing from year 4?

Y4 GPS

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
Type one word to show that the shoes are for men. The shop sold a wide variety of ____ shoes.	G5.8 Use apostrophes for plural possession.	23%	Using Apostrophes for Plural Possession	Yes
Type one word to show that the changing room belongs to **all of the girls.** The _____ changing room is on the left as you enter the swimming pool.	G5.8 Use apostrophes for plural possession.	28.6%	Practise Using Apostrophes for Possession	Yes
Which option makes the sentence start with an adverbial? _____ the team were all prepared to do their best. • It was their final match, so • The experienced coach and • The pitch was fairly muddy, but • Enthusiastic and full of energy,	G1.6a Identify and use adverbials.	42.1%	Identifying and Using Adverbials	Yes

What's missing from year 5?

Last year, 22,000 pupils from year 6 took the SATs Springboard diagnostics and these were the main gaps they had from year 5 objectives in maths and GPS. We've included handy clickable links to free resources to help address them.

Y5 Maths

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
Sort the following mixed number fractions into ascending order (smallest first).	5F3 Order fractions whose denominators are all multiples of the same number.	39.4%	Compare and Order Improper and Mixed Number Fractions with Related Denominators	No, but 5F10, 5F2b, 5F4, 5F10, 5F10, 5F4 and 5F5 did
Imogen makes a number using place value counters. Starting with the number represented by the counters, she counts forwards in hundred-thousands 3 times. What is the last number in Imogen's sequence?	5N1 Count forwards in steps of powers of 10 for any given number up to 1,000,000.	39.5%	Count in Steps of Powers of 10	No, but 5N5, 5N3b, and 5N4 did
Calculate 6 × 1 2/5.	5F5 Multiply mixed numbers by whole numbers.	44.9%	Multiply Mixed Number Fractions by Whole Numbers	Yes

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What's missing from year 5?

Y5 GPS

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
Complete the sentence using a word formed from the root word cover. Type one word. As she excavated the site, the archaeologist _____ some ancient pottery.	G6.2 Use verb prefixes (dis-, de-, mis-, over-, and re-).	40%	Spelling Topic Review: Prefixes	Yes
Use a suffix to change the noun *sympathy* into a verb that completes this sentence. Type the whole word. When Dan saw Ashley's injuries, he couldn't help but _____ with him.	G6.3 Convert nouns or adjectives into verbs using suffixes -ate, -ise, -ify.	40.2%	Adding Suffixes -ate, -ise and -ify	No

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What's missing from year 6?

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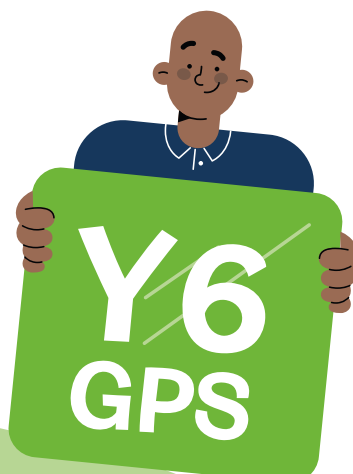
Y6 Maths

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
The area of the triangle is ____ m².	6M7b Calculate the area of triangles.	31.2%	Calculate the Area of Triangles	No, but 6M5 did
3m + n = 11 m and n are both whole numbers greater than 1. How many different pairs of values are possible solutions?	6A5 Enumerate possibilities of combinations of two variables.	34.7%	Find Pairs of Values in Equations with Two Variables	No, but 6A2, 6A3 and 6A4 did
Letter ____ shows the diameter of the circle. Enter the missing letter.	6G5 Illustrate and name the diameter of a circle.	40%	Name and Calculate Parts of a Circle	No, but 6G4a did, 6G2b did twice, and 6G2a did twice

Everything Y6 pupils were struggling with in Summer 1 (i.e. only a matter of weeks before SATs): Domains with less than 60% accuracy

Domain reference and skill	% correct first time
3G3b Describe 3D shapes in different orientations.	47.3%
6M7b Calculate the area of triangles.	47.8%
4G2a Classify quadrilaterals based on their properties and sizes.	49.2%
3F1c Recognise unit and non-unit fractions on a number line.	51.5%
4P2 Describe movements between positions as translations to the left/right.	54.5%
3S1 Present data using bar charts.	59.5%

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What's missing from year 6?

Y6 GPS

Question	Content Domain Ref and Objective	% of Y6 pupils answering correctly on the first attempt	Gap-filling resource Click the Free Resource links below	Did domain appear in SATs 2024?
What are the **two** objects in this sentence? *Ava made some cupcakes, and she decorated them with icing.*	G1.9 Identify the subject and object of a sentence.	9.6%	Identifying the Subject and Object of a Sentence	Yes
Which punctuation mark completes this sentence? *Hazel was absolutely exhausted __ she had played football all afternoon at school and then attended swimming club.*	G5.10 Use colons to mark the boundary between main clauses.	29.5%	Using Semi-Colons, Colons and Dashes Between Main Clauses	No
Which sentence is punctuated correctly?	G5.10 Use colons to introduce lists.	39.5%	Using Colons to Introduce Lists	Yes
Which sentence is written in the passive?	G4.4 Identify and use the passive voice.	44.8%	Understand Active and Passive Voice	Yes

Everything Y6 pupils were struggling with in Summer 1 (i.e. only a matter of weeks before SATs): Domains with less than 40% accuracy

Domain reference and skill	% correct first time
G1.9 Identify the subject and object of a sentence.	11.7%
G4.1b Use the perfect form of verbs.	11.7%
G5.8 Use apostrophes for plural possession.	11.7%
G5.10 Use colons to mark the boundary between main clauses.	29.6%
G1.6 Identify adverbs.	34.2%
G5.2 Use full stops to demarcate sentences.	37.7%
G1.7 Identify and use prepositions.	37.8%
G5.10 Use colons to introduce lists.	38.9%
G4.1b Use the present perfect form of verbs.	38.9%

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