

August 2023

White Rose Mapping Guide

Primary Mathematics

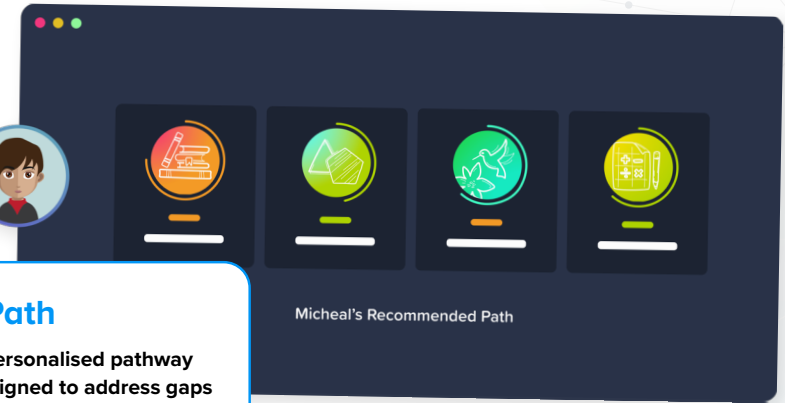
About CENTURY

CENTURY is a learning platform that uses artificial intelligence to personalise learning for every learner. Our team of experienced teachers have created all of our content for English, maths, science, geography and physical education from years 2 to 11, as well as functional skills content for post-16 learners. All courses are aligned to the national curriculum and national standards.

- ✓ Learning materials and questions for primary, secondary and post-16 learners
- ✓ Tailored to each learner's skills and knowledge
- ✓ Powered by the world's leading adaptive learning platform
- ✓ Web-based learning for tablets, laptops and desktops



How does CENTURY work?



Micheal's Recommended Path



Diagnostics

Learners begin by completing diagnostics that quickly identify knowledge gaps and misconceptions, and help CENTURY recommend the best learning materials for each individual learner.



Recommended Path

This constantly adapting personalised pathway contains micro-lessons designed to address gaps in knowledge, provide stretch and challenge and promote long-term memory retention.



Leadership Dashboard

Senior and middle leaders get an overview of performance and engagement on a subject, class and learner level.



Achievements

Learners get rewarded with badges and streaks for completing micro-lessons or for using CENTURY over a certain period of time to increase their motivation and engagement.



Automated Marking

Teachers can view data in real time, to help quickly identify which learners require additional support or further stretch.



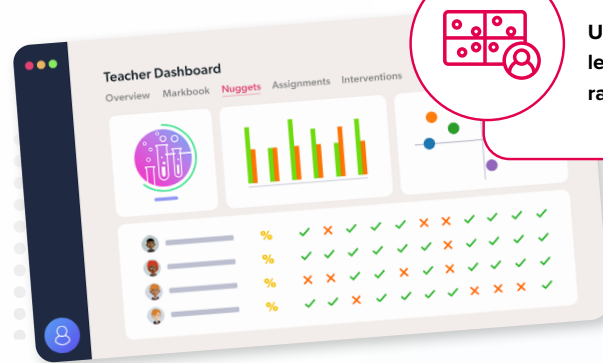
Teacher Dashboard

Use the markbook to monitor individual learners and whole-class trends with a range of dashboards.



Learner Dashboard & Guardian Portal

Learners can identify their strengths and areas for improvement. Parents and guardians can monitor their learner's progress, completed work, and see work set.



Want to see this in action?

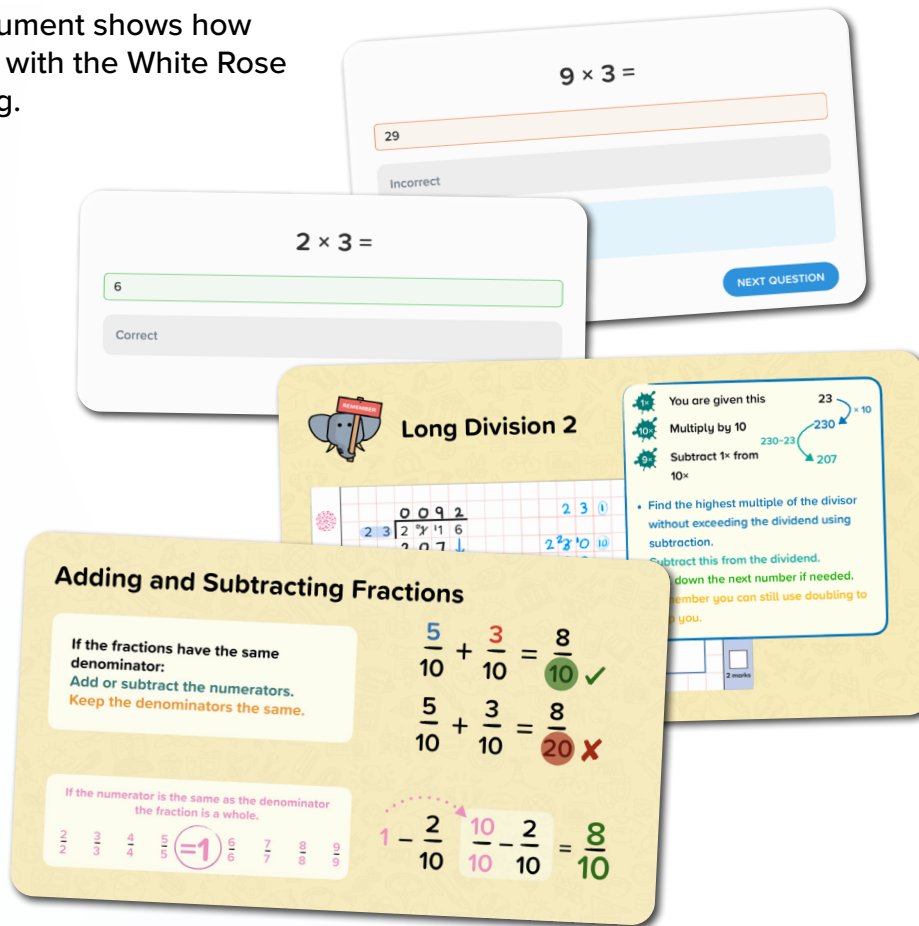
Watch a CENTURY platform walkthrough

Course List

Primary Mathematics

Our primary mathematics offering includes specific courses for each year group, from years 2 to 6.

This mapping document shows how our content aligns with the White Rose scheme of learning.



→ Primary – Year 2 Mathematics

Diagnostics 9 Strands 10 Nuggets 87

[Year 2 White Rose Map](#)

→ Primary – Year 3 Mathematics

Diagnostics 9 Strands 11 Nuggets 131

[Year 3 White Rose Map](#)

→ Primary – Year 4 Mathematics

Diagnostics 10 Strands 12 Nuggets 206

[Year 4 White Rose Map](#)

→ Primary – Year 5 Mathematics

Diagnostics 10 Strands 12 Nuggets 206

[Year 5 White Rose Map](#)

→ Primary – Year 6 Mathematics

Diagnostics 17 Strands 18 Nuggets 272

[Year 6 White Rose Map](#)

Course Assignment

Primary Mathematics



White Rose Mapping - Year 2

Autumn Term

White Rose Map

Block 01

Weeks
01 - 04

Topic
Place Value

White Rose Small Steps

Numbers to 20
Count objects to 100 by making 10s
Recognise tens and ones
Use a place value chart
Partition numbers to 100
Write numbers to 100 in words
Flexibly partition numbers to 100
Write numbers to 100 in expanded form
10s on the number line to 100
10s and 1s on the number line to 100
Estimate numbers on a number line
Compare objects
Compare numbers
Order objects and numbers
Count in 2s, 5s and 10s
Count in 3s

Block 02

Weeks
05 - 09

Topic
Addition and Subtraction

White Rose Small Steps

Bonds to 10
Fact families - addition and subtraction bonds within 20
Related facts
Bonds to 100 (tens)
Add and subtract 1s
Add by making 10

CENTURY Nuggets

Nugget Code	Nugget Name
PM10.16	Reading and Writing Numbers to 20
PM1.34	2-Digit: Recognising Place Value
PM1.35	2-Digit: Representing Numbers
PM10.17	Reading and Writing Numbers to 100
PM10.36	Number Lines to 100
PM10.15	2-Digit: Comparing Numbers with Greater Than and Less than symbols < >
PM10.01	Counting in Multiples of 2
PM10.03	Counting in Multiples of 5
PM10.04	Counting in Multiples of 10
PM10.02	Counting in Multiples of 3
PM10.18	Number and Place Value Checkpoint
Nugget Code	Nugget Name
PM2.30	Number Bonds to 20
PM2.41	Addition and Subtraction Fact Families
PM2.42	Commutativity in Addition
PM2.31	Number Bonds to 100
PM10.11	Single Digit Addition
PM2.32	Adding Three 1-Digit Numbers

Block 02

Continued

Weeks

05 - 09

Topic

Addition and Subtraction

White Rose Small Steps

Add three 1-digit numbers
Add to the next 10
Add across a 10
Subtract across a 10
Subtract from a 10
Subtract a 1-digit number from a 2-digit number (across a 10)
10 more, 10 less
Add and subtract 10s
Add two 2-digit numbers (not across a 10)
Add two 2-digit numbers (across a 10)
Subtract two 2-digit numbers (not across a 10)
Subtract two 2-digit numbers (across a 10)
Mixed addition and subtraction
Compare number sentences
Missing number problems

Nugget Code Nugget Name

PM2.33	2-Digit: Adding and Subtracting 1s (Not Crossing 10)
PM1.38	2-Digit: Finding 10 More or 10 Less
PM2.35	2-Digit: Adding 1 Digit Numbers (Crossing 10)
PM10.13	Single Digit Subtraction
PM2.36	2-Digit: Subtracting 1 Digit Numbers (Crossing 10)
PM2.34	2-Digit: Adding and Subtracting Multiples of 10
PM2.37	2-Digit: Adding 2 Digit Numbers (No Exchanging)
PM2.39	2-Digit: Adding 2 Digit Numbers (With Exchanging)
PM2.38	2-Digit: Subtracting 2 Digit Numbers (No Exchanging)
PM2.40	2-Digit: Subtracting 2 Digit Numbers (With Exchanging)
PM2.43	2-Digit: Solving Missing Number Problems Using Fact Families
PM2.44	Addition and Subtraction Checkpoint

Block 03

Weeks

10 - 12

Topic

Geometry Shape

White Rose Small Steps

Recognise 2-D and 3-D shapes
Count sides on 2-D shapes
Count vertices on 2-D shapes
Draw 2-D shapes
Lines of symmetry on shapes
Use lines of symmetry to complete shapes
Sort 2-D shapes
Count faces on 3-D shapes
Count edges on 3-D shapes
Count vertices on 3-D shapes
Sort 3-D shapes
Make patterns with 2-D and 3-D shapes

Nugget Code Nugget Name

PM8.01	Describing 2D shapes
PM8.02	Describing 3D shapes
PM8.08	Patterns and Sequences

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 02

Topic
Money

White Rose Small Steps

- Count money - pence
- Count money - pounds (notes and coins)
- Count money - pounds and pence
- Choose notes and coins
- Make the same amount
- Compare amounts of money
- Calculate with money
- Make a pound
- Find change
- Two-step problems

Nugget Code Nugget Name

- PM6.11 Counting Money (Pence)
- PM6.12 Counting Money (Pounds)
- PM6.15 Making Amounts (Pounds and Pence)
- PM6.16 Making the Same Amount
- PM6.14 Finding Change 1
- PM6.17 Money Checkpoint

Block 02

Weeks
03 - 07

Topic
Multiplication and division

White Rose Small Steps

- Recognise equal groups
- Make equal groups
- Add equal group
- Introduce the multiplication symbol
- Multiplication sentences
- Use arrays
- Make equal groups - grouping
- Make equal groups - sharing
- The 2 times-table
- Divide by 2
- Doubling and halving
- Odd and even numbers
- The 10 times-table
- Divide by 10

Nugget Code Nugget Name

- PM3.63 Understanding Multiplication
- PM3.67 Commutativity in Multiplication
- PM10.05 Multiplying by 2
- PM10.08 Dividing by 2
- PM3.62 Odd and Even Numbers
- PM10.07 Multiplying by 10
- PM10.10 Dividing by 10
- PM10.06 Multiplying by 5
- PM10.09 Dividing by 5
- PM3.69 Multiplication and Division Fact Families
- PM3.66 Mixed Multiplication 1 (2s, 5s, & 10s)
- PM3.68 Mixed Division (2s, 5s, & 10s)
- PM3.70 Multiplication and Division Checkpoint

Block 02

Continued

Weeks
03 - 07

Topic
Multiplication
and Division

White Rose Small Steps

The 5 times-table

Divide by 5

The 5 and 10 times-tables

Block 03

Weeks
08 - 09

Topic
Length and
Height

White Rose Small Steps

Measure in centimetres

Measure in metres

Compare lengths and heights

Order lengths and heights

Four operations with lengths and heights

Nugget Code Nugget Name

PM5.31 2-Digit: Measuring in Centimetres

PM5.32 2-Digit: Solving Problems with Length and Height

Block 04

Weeks
10 - 12

Topic
Mass,
capacity and
temperature

White Rose Small Steps

Compare mass

Measure in grams

Measure in kilograms

Four operations with mass

Compare volume and capacity

Measure in millilitres

Measure in litres

Four operations with volume and capacity

Temperature

Nugget Code Nugget Name

PM5.33 2-Digit: Measuring Mass in Grams

PM5.34 2-Digit: Measuring Mass in Kilograms

PM5.35 2-Digit: Solving Problems with Mass

PM5.36 2-Digit: Measuring Volume and Capacity

PM5.37 2-Digit: Solving Problems with Volume and Capacity

PM5.38 Measuring Temperature

PM5.39 Measurement Checkpoint

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
Fractions

White Rose Small Steps

- Introduction to parts and whole
- Equal and unequal parts
- Recognise a half
- Find a half
- Recognise a quarter
- Find a quarter
- Recognise a third
- Find a third

Nugget Code Nugget Name

- PM4.37 Recognising and Finding a Half
- PM4.38 Recognising and Finding Quarters
- PM4.39 Recognising and Finding Thirds
- PM4.42 Fractions Checkpoint

Block 02

Weeks
04 - 06

Topic
Time

White Rose Small Steps

- O'clock and half past
- Quarter past and quarter to
- Tell the time past the hour
- Tell the time to the hour
- Tell the time to 5 minutes
- Minutes in an hour
- Hours in a day

Nugget Code Nugget Name

- PM7.04 Telling the Time to the Nearest 5 Minutes
- PM7.05 Telling the Time to the Nearest 5 Minutes in Words
- PM7.18 Comparing Durations of Time
- PM7.19 Units of Time 1
- PM7.10 Estimating Time
- PM7.20 Time Checkpoint

Block 03

Weeks
07 - 08

Topic
Statistics

White Rose Small Steps

- Make tally charts
- Tables
- Block diagrams
- Draw pictograms (1-1)
- Interpret pictograms (1-1)
- Draw pictograms (2 ,5 and 10)
- Interpret pictograms (2 ,5 and 10)

Nugget Code Nugget Name

- PM9.16 Tally Charts
- PM9.20 Tables 1
- PM9.14 Block Diagrams
- PM9.01 Pictograms
- PM9.21 Statistics Checkpoint

Block 04

Weeks
09 - 10

Topic
Position and
Direction

White Rose Small Steps

Language of position
Describe movement
Describe turns
Describe movement and turns
Shape patterns with turns

Nugget Code Nugget Name

PM8.09	Describing Position and Movement
PM804	Angles in Turns 1
PM7.20	Geometry Checkpoint

White Rose Mapping - Year 3

Autumn Term

White Rose Map

Block 01

Weeks
01 - 03

Topic
Place Value

White Rose Small Steps

Represent numbers to 100
Partition numbers to 100
Number line to 100
Hundreds
Represent numbers to 1,000
Partition numbers to 1,000
Flexible partitioning of numbers to 1,000
Hundreds, tens and ones
Find 1, 10 or 100 more or less
Number line to 1,000
Estimate on a number line to 1,000
Compare numbers to 1,000
Order numbers to 1,000
Count in 50s

Block 02

Weeks
04 - 08

Topic
Addition and
Subtraction

White Rose Small Steps

Apply number bonds within 10
Apply number bonds within 100
Add and subtract 1s
Add and subtract 10s
Add and subtract 100s
Spot the pattern
Add 1s across a 10
Add 10s across a 100
Subtract 1s across a 10

CENTURY Nuggets

Nugget Code Nugget Name

PM1.34 2-Digit: Recognising place value
PM1.35 2-Digit: Representing numbers
PM1.36 Number lines to 100
PM1.05 3-Digit: Recognising place value
PM1.06 3-Digit: Representing numbers
PM1.04 Counting in multiples of 100
PM1.38 2-Digit: Finding 10 more or 10 less
PM1.07 3-Digit: Finding 10 more or 10 less
PM1.08 Finding 100 more or 100 less
PM1.37 Number lines to 1000
PM1.09 3-Digit: Comparing numbers with greater than and less than symbols <>
PM1.10 Ordering numbers up to 1000
PM1.03 Counting in multiples of 50

Nugget Code Nugget Name

PM2.01 3-Digit: Adding and subtracting 1s
PM2.02 3-Digit: Adding and subtracting 10s
PM2.03 3-Digit: Adding and subtracting 100s
PM2.37 2-Digit: Adding 2-digit numbers (no exchanging)
PM2.38 2-Digit: Subtracting 2-digit numbers (no exchanging)
PM2.39 2-Digit: Adding 2-digit numbers (with exchanging)
PM2.40 2-Digit: Subtracting 2-digit numbers (with exchanging)
PM2.04 3-Digit: Column addition (no exchanging)
PM2.06 3-Digit: Column subtraction (no exchanging)

Block 03

Continued

Weeks

04 - 08

Topic

Addition and Subtraction

White Rose Small Steps

Subtract 10s across a 100
Make connections
Add two numbers (no exchange)
Subtract two numbers (no exchange)
Add two numbers (across a 10)
Add two numbers (across a 100)
Subtract two numbers (across a 10)
Subtract two numbers (across a 100)
Add 2-digit and 3-digit numbers
Subtract a 2-digit number from a 3-digit number
Complements to 100
Estimate answers
Inverse operations
Make decisions

Nugget Code Nugget Name

PM2.06	3-Digit: Column subtraction (no exchanging)
PM2.05	3-Digit: Column addition (with exchanging)
PM2.08	Addition and subtraction practice 1
PM2.09	Addition and subtraction word problems 1
PM2.31	Number bonds to 100
PM2.10	Rounding to the nearest 10 and 100
PM2.11	Estimating using rounding
PM2.12	Checking answers using the inverse 1

Block 04

Weeks

09 - 12

Topic

Multiplication and Division

White Rose Small Steps

Multiplication – equal groups
Use arrays
Multiples of 2
Multiples of 5 and 10
Sharing and grouping
Multiply by 3
Divide by 3
The 3 times-table
Multiply by 4
Divide by 4
The 4 times-table
Multiply by 8
Divide by 8
The 8 times-table
The 2, 4 and 8 times-tables

Nugget Code Nugget Name

PM3.63	Understanding multiplication
PM10.01	Counting in multiples of 2
PM10.03	Counting in multiples of 5
PM10.04	Counting in multiples of 10
PM10.02	Counting in multiples of 3
PM3.01	Multiplying by 3
PM3.05	Dividing by 3
PM1.01	Counting in multiples of 4
PM3.02	Multiplying by 4
PM3.06	Dividing by 4
PM1.02	Counting in multiples of 8
PM3.03	Multiplying by 8
PM3.07	Dividing by 8

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
**Multiplication
and division
B**

White Rose Small Steps

- Multiples of 10
- Related calculations
- Reasoning about multiplication
- Multiply a 2-digit number by a 1-digit number - no exchange
- Multiply a 2-digit number by a 1-digit number - with exchange
- Link multiplication and division
- Divide a 2-digit number by a 1-digit number - no exchange
- Divide a 2-digit number by a 1-digit number - flexible partitioning
- Divide a 2-digit number by a 1-digit number – with remainders
- Scaling
- How many ways?

Nugget Code Nugget Name

- PM10.04 Counting in Multiples of 10
- PM3.09 Multiplying Multiples of 10
- PM3.64 Comparing Statements
- PM3.12 2-Digit: Multiplying by 1-Digit
- PM3.60 2-Digit: Dividing Using Partitioning (no Remainders)
- PM3.61 2-Digit: Dividing Using Partitioning (with Remainders)
- PM3.65 Scaling Problems 1
- PM3.15 Multiplication and Division Practice 1
- PM3.16 Multiplication and Division Word Problems 1

Block 02

Weeks
04 - 06

Topic
**Length and
perimeter**

White Rose Small Steps

- Measure in metres and centimetres
- Measure in millimetres
- Measure in centimetres and millimetres
- Metres, centimetres and millimetres
- Equivalent lengths (metres and centimetres)
- Equivalent lengths (centimetres and millimetres)
- Compare lengths
- Add lengths
- Subtract lengths
- What is perimeter?
- Measure perimeter
- Calculate perimeter

Nugget Code Nugget Name

- PM5.02 3-Digit: Length
- PM5.03 3-Digit: Solving Length Problems
- PM5.08 Perimeter by Counting
- PM5.09 Calculating the Perimeter

Block 03

Continued

Weeks

07 - 09

Topic

Fractions A

White Rose Small Steps

Understand the denominators of unit fractions
Compare and order unit fractions
Understand the numerators of non-unit fractions
Understand the whole
Compare and order non-unit fractions
Fractions and scales
Fractions on a number line
Count in fractions on a number line
Equivalent fractions on a number line
Equivalent fractions on a number line

Nugget Code Nugget Name

PM4.01	Identifying Fractions
PM4.03	Comparing and Ordering Fractions
PM4.40	Counting in Fractions
PM4.05	Equivalent Fractions 1

Block 04

Weeks

10 - 12

Topic

Mass and capacity

White Rose Small Steps

Use scales
Measure mass in grams
Measure mass in kilograms and grams
Equivalent masses (kilograms and grams)
Compare mass
Add and subtract mass
Measure capacity and volume in millilitres
Measure capacity and volume in litres and millilitres
Equivalent capacities and volumes (litres and millilitres)
Compare capacity and volume
Add and subtract capacity and volume

Nugget Code Nugget Name

PM5.04	3-Digit: Mass and Weight
PM5.05	3-Digit: Solving Mass Problems
PM5.06	3-Digit: Volume and Capacity
PM5.07	3-Digit: Solving Volume and Capacity Problems

Summer Term

White Rose Map

Block 01

Weeks
01 - 02

Topic
Fractions B

White Rose Small Steps

Add fractions
Subtract fractions
Partition the whole
Unit fractions of a set of objects
Non-unit fractions of a set of objects
Reasoning with fractions of an amount

Block 02

Weeks
03 - 04

Topic
Money

White Rose Small Steps

Pounds and pence
Convert pounds and pence
Add money
Subtract money
Find change

Block 03

Weeks
05 - 07

Topic
Time

White Rose Small Steps

Roman numerals to 12
Tell the time to 5 minutes
Tell the time to the minute
Read time on a digital clock
Use am and pm
Years, months and days
Days and hours

CENTURY Nuggets

Nugget Code Nugget Name

PM4.04 Adding and Subtracting Fractions
PM4.06 Finding Unit Fractions of Amounts
PM4.07 Finding Non-Unit Fractions of Amounts
PM4.08 Finding Fractions of Amounts

Nugget Code Nugget Name

PM6.15 Making Amounts (Pounds and Pence)
PM6.13 Converting Pounds and Pence
PM6.01 Adding Amounts of Money
PM6.02 Adding Amounts of Money 2
PM6.04 Subtracting Amounts of Money
PM6.14 Finding Change 1 (from £1)
PM6.03 Finding Change 2
PM6.05 Solving Money Problems

Nugget Code Nugget Name

PM7.07 Roman Numerals (up to 20)
PM7.03 Telling the Time in Words
PM7.04 Telling the Time to the Nearest 5 Minutes
PM7.05 Telling the Time to the Nearest 5 Minutes in Words
PM7.01 Units of Time 2
PM7.02 Times of Day
PM7.12 Start and End Times

Block 03

Continued

Weeks
05 - 07

Topic
Time

White Rose Small Steps

Hours and minutes - use start and end times
Hours and minutes - use durations
Minutes and seconds
Units of time
Solve problems with time

Nugget Code Nugget Name

PM7.18	Comparing Durations of Time
PM7.11	Finding the Duration

Block 04

Weeks
08 - 09

Topic
Shape

White Rose Small Steps

Turns and Angles
Right angles
Compare angles
Measure and draw accurately
Horizontal and Vertical
Parallel and perpendicular
Recognise and describe 2-D shapes
Draw polygons
Recognise and describe 3-D shapes
Make 3-D shapes

Nugget Code Nugget Name

PM8.04	Angles in Turns 1
PM8.05	Identifying Angles
PM8.06	Identifying Lines
PM8.01	Describing 2D Shapes
PM8.02	Describing 3D Shapes

Block 05

Weeks
10 - 11

Topic
Statistics

White Rose Small Steps

Interpret pictograms
Draw pictograms
Interpret bar charts
Draw bar charts
Collect and represent data
Two-way tables

Nugget Code Nugget Name

PM9.01	Pictograms
PM9.03	Bar Charts 1
PM9.16	Tally Charts
PM9.02	Tables 2

White Rose Mapping - Year 4

Autumn Term

White Rose Map

Block 01

Weeks
01 - 04

Topic
Place Value

White Rose Small Steps

Represent numbers to 1,000
Partition numbers to 1,000
Number line to 1,000
Thousands
Represent numbers to 10,000
Partition numbers to 10,000
Flexible partitioning of numbers to 10,000
Find 1, 10, 100, 1,000 more or less
Number line to 10,000
Estimate on a number line to 10,000
Compare numbers to 10,000
Order numbers to 10,000
Roman numerals
Round to the nearest 10
Round to the nearest 100
Round to the nearest 1,000
Round to the nearest 10, 100 or 1,000

Block 02

Weeks
05 - 07

Topic
Addition and
Subtraction

White Rose Small Steps

Add and subtract 1s, 10s, 100s and 1,000s
Add up to two 4-digit numbers – no exchange
Add two 4-digit numbers – one exchange
Add two 4-digit numbers – more than one exchange

CENTURY Nuggets

Nugget Code	Nugget Name
PM1.05	3-Digit: Recognising place value
PM1.06	3-Digit: Representing numbers up to 1000
PM1.37	Number lines to 1000
PM1.20	Place value in 4 digit numbers
PM1.16	Counting in multiples of 1000
PM1.07	Finding 10 more or 10 less
PM1.08	Finding 100 more or 100 less
PM1.17	Finding 1000 more or less
PM1.22	Comparing and ordering numbers
PM7.07	Roman numerals (up to 20)
PM1.24	Roman numerals (up to 100)
PM1.23	Rounding to the nearest 10, 100 and 1000

Nugget Code	Nugget Name
PM2.01	3-Digit: Adding and subtracting 1s
PM2.02	3-Digit: Adding and subtracting 10s
PM2.03	3-Digit: Adding and subtracting 100s
PM2.13	4-Digit: Column addition (no exchanging)

Block 02

Continued

Weeks

05 - 07

Topic

Addition and Subtraction

White Rose Small Steps

Subtract two 4-digit numbers – no exchange
Subtract two 4-digit numbers – one exchange
Subtract two 4-digit numbers – more than one exchange
Efficient subtraction
Estimate answers
Checking strategies

Nugget Code Nugget Name

PM2.14 4-Digit: Column addition (with exchanging)
PM2.15 4-Digit: Column subtraction (no exchanging)
PM2.16 4-Digit: Column subtraction (with exchanging)
PM2.20 Estimating to check answers
PM2.19 Checking answers using the inverse 2

Block 03

Week

08

Topic

Area

White Rose Small Steps

What is area?
Count squares
Make shapes
Compare areas

Nugget Code Nugget Name

PM5.20 Area by counting

Block 04

Weeks

09 - 11

Topic

Multiplication and Division

White Rose Small Steps

Multiples of 3
Multiply and divide by 6
6 times-table and division facts
Multiply and divide by 9
9 times-table and division facts
The 3, 6 and 9 times-tables
Multiply and divide by 7
7 times-table and division facts
11 times-table and division facts
12 times-table and division facts
Multiply by 1 and 0
Divide a number by 1 and itself
Multiply three numbers

Nugget Code Nugget Name

PM3.01 Multiplying by 3
PM3.05 Dividing by 3
PM3.17 Multiplying by 6
PM3.23 Dividing by 6
PM3.19 Multiplying by 9
PM3.25 Dividing by 9
PM3.18 Multiplying by 7
PM3.24 Dividing by 7
PM3.20 Multiplying by 11
PM3.26 Dividing by 11
PM3.21 Multiplying by 12
PM3.27 Dividing by 12
PM3.29 Multiplying 3 numbers together

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
**Multiplication
and division
B**

White Rose Small Steps

- Factor pairs
- Use factor pairs
- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100
- Related facts – multiplication and division
- Informal written methods for multiplication
- Multiply a 2-digit number by a 1-digit number
- Multiply a 3-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number (1)
- Divide a 2-digit number by a 1-digit number (2)
- Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication

Nugget Code Nugget Name

- PM3.30 Factor Pairs
- PM3.12 2-Digit: Multiplying by 1-Digit
- PM3.31 2/3-Digit: Multiplying by 1-Digit
- PM3.35 2/3-Digit: Dividing Using Partitioning (no Remainders)
- PM3.36 2/3-Digit: Dividing Using Partitioning (with Remainders)
- PM3.33 Correspondence Problems 1
- PM3.34 Correspondence Problems 2

Block 02

Weeks
04 - 05

Topic
**Length and
perimeter**

White Rose Small Steps

- Measure in kilometres and metres
- Equivalent lengths (kilometres and metres)
- Perimeter on a grid
- Perimeter of a rectangle
- Perimeter of rectilinear shapes
- Find missing lengths in rectilinear shapes
- Calculate perimeter of rectilinear shapes
- Perimeter of regular polygons
- Perimeter of polygons

Nugget Code Nugget Name

- PM5.10 Measuring Length
- PM5.13 Converting m and km
- PM5.08 Perimeter by Counting
- PM5.09 Calculating the Perimeter

Block 03

Continued

Weeks
06 - 09

Topic
Fractions

White Rose Small Steps

Understand the whole
Count beyond 1
Partition a mixed number
Number lines with mixed numbers
Compare and order mixed numbers
Understand improper fractions
Convert mixed numbers to improper fractions
Convert improper fractions to mixed numbers
Equivalent fractions on a number line
Equivalent fraction families
Add two or more fractions
Add fractions and mixed numbers
Subtract two fractions
Subtract from whole amounts
Subtract from mixed numbers
Equivalent fraction families
Add two or more fractions
Add fractions and mixed numbers
Subtract two fractions
Subtract from whole amounts

Nugget Code	Nugget Name
PM4.01	Identifying Fractions
PM4.40	Counting in Fractions
PM4.05	Equivalent Fractions 1
PM4.04	Adding and Subtracting Fractions

Block 04

Weeks
10 - 12

Topic
Decimals A

White Rose Small Steps

Tenths as fractions
Tenths as decimals
Tenths on a place value chart
Tenths on a number line
Divide a 1-digit number by 10
Divide a 2-digit number by 10
Hundredths as fractions
Hundredths as decimals
Hundredths on a place value chart
Divide a 1- or 2-digit number by 100

Nugget Code	Nugget Name
PM4.02	Tenths
PM4.09	Hundredths
PM4.10	Decimal Equivalents (Tenths/Hundredths)
PM4.12	Dividing and Multiplying by 10 and 100 (Including Decimals)

Summer Term

White Rose Map

Block 01

Weeks
01 - 02

Topic
Decimals B

White Rose Small Steps

Make a whole with tenths
 Make a whole with hundredths
 Partition decimals
 Flexibly partition decimals
 Compare decimals
 Order decimals
 Round to the nearest whole number
 Halves and quarters as decimals

Block 02

Weeks
03 - 04

Topic
Money

White Rose Small Steps

Write money using decimals
 Convert between pounds and pence
 Compare amounts of money
 Estimate with money
 Calculate with money
 Solve problems with money

Block 03

Weeks
05 - 06

Topic
Time

White Rose Small Steps

Years, months, weeks and days
 Hours, minutes and seconds
 Convert between analogue and digital times
 Convert to the 24-hour clock
 Convert from the 24-hour clock

CENTURY Nuggets

Nugget Code	Nugget Name
PM4.14	Comparing Decimals
PM4.13	Rounding Decimals to the Nearest Whole Number
PM4.11	Decimal Equivalents

Nugget Code	Nugget Name
PM6.06	Pounds and Pence
PM6.07	Comparing Amounts of Money
PM6.08	Estimating Amounts of Money
PM6.10	Solving Money Problems 2

Nugget Code	Nugget Name
PM7.13	Converting Weeks, Days, Years and Months
PM7.14	Converting Seconds, Minutes and Hours
PM7.09	12 Hour and 24 Hour Clocks

Block 04

Weeks
08 - 09

Topic
Shape

White Rose Small Steps

Understand angles as turns
Identify angles
Compare and order angles
Triangles
Quadrilaterals
Polygons
Lines of symmetry
Complete a symmetric figure

Nugget Code Nugget Name

PM8.04	Angles in Turns 1
PM8.05	Identifying Angles
PM8.11	Triangles
PM8.12	Quadrilaterals
PM8.07	Lines of Symmetry

Block 05

Week
10

Topic
Statistics

White Rose Small Steps

Interpret charts
Comparison, sum and difference
Interpret line graphs
Draw line graphs

Nugget Code Nugget Name

PM9.01	Pictograms
PM9.03	Bar Charts 1
PM9.04	Line Graphs 1

Block 06

Weeks
11-12

Topic
Position and
direction

White Rose Small Steps

Describe position using coordinates
Plot coordinates
Draw 2-D shapes on a grid
Translate on a grid
Describe translation on a grid

Nugget Code Nugget Name

PM8.14	Describing Position
PM8.15	Plotting Points
PM8.16	Translation 1

White Rose Mapping - Year 5

Autumn Term

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
Place Value

White Rose Small Steps

Roman numerals to 1,000
 Numbers to 10,000
 Numbers to 100,000
 Numbers to 1,000,000
 Read and write numbers to 1,000,000
 Powers of 10
 10/100/1,000/10,000/100,000 more or less
 Partition numbers to 1,000,000
 Number line to 1,000,000
 Compare and order numbers to 100,000
 Compare and order numbers to 1,000,000
 Round to the nearest 10, 100 or 1,000
 Round within 100,000
 Round within 1,000,000

Nugget Code Nugget Name

PM1.29 Roman numerals (up to 1000)
 PM1.20 Place value in 4 digit numbers
 PM1.25 Place value up to 1,000,000
 PM1.27 Counting forwards and backwards in powers of 10
 PM1.26 Comparing and ordering numbers to 1,000,000
 PM1.23 Rounding to the nearest 10, 100 and 1000
 PM1.28 Rounding to the nearest 10,000 and 100,000

Block 02

Weeks
04 - 05

Topic
Addition and
Subtraction

White Rose Small Steps

Mental strategies
 Add whole numbers with more than four digits
 Subtract whole numbers with more than four digits
 Round to check answers
 Inverse operations (addition and subtraction)

Nugget Code Nugget Name

PM2.24 Mental strategies for addition 1
 PM2.25 Mental strategies for addition 2
 PM2.26 Mental strategies for subtraction 1
 PM2.27 Mental strategies for subtraction 2
 PM2.22 4+ Digit: Column addition

Block 02

Continued

Weeks
04 - 05

Topic
**Addition and
Subtraction**

White Rose Small Steps

Multi-step addition and subtraction problems
Compare calculations
Find missing numbers

Nugget Code Nugget Name

PM2.23	4+ Digit: Column subtraction
PM2.20	Estimating to check answers
PM2.19	Checking answers using the inverse 2
PM2.21	Solving two-step problems

Block 03

Weeks
06 - 08

Topic
**Multiplication
and Division A**

White Rose Small Steps

Multiples
Common multiples
Factors
Common factors
Prime numbers
Square numbers
Cube numbers
Multiply by 10, 100 and 1,000
Divide by 10, 100 and 1,000
Multiples of 10, 100 and 1,000

Nugget Code Nugget Name

PM3.30	Factor pairs
PM3.40	Common factors
PM3.41	Prime numbers
PM3.43	Square numbers
PM3.44	Cube numbers
PM3.09	Multiplying multiples of 10
PM3.47	Mental strategies for multiplication 1
PM3.49	Mental strategies for division

Block 04

Weeks
09 - 12

Topic
Fractions A

White Rose Small Steps

Find fractions equivalent to a unit fraction
Find fractions equivalent to a non-unit fraction
Recognise equivalent fractions
Convert improper fractions to mixed numbers
Convert mixed numbers to improper fractions
Compare fractions less than 1
Order fractions less than 1
Compare and order fractions greater than 1

Nugget Code Nugget Name

PM4.05	Equivalent fractions 1
PM4.15	Equivalent fractions 2
PM4.17	Mixed numbers and improper fractions
PM4.03	Comparing and ordering fractions
PM4.16	Comparing proper fractions 1
PM4.18	Comparing and ordering improper fractions and mixed numbers
PM4.04	Adding and subtracting fractions
PM4.27	Adding and subtracting fractions with different denominators

Block 04
Continued

Weeks
09 - 12

Topic
Fractions A

White Rose Small Steps

- Add and subtract fractions with the same denominator
- Add fractions within 1
- Add fractions with total greater than 1
- Add to a mixed number
- Add two mixed numbers
- Subtract fractions
- Subtract from a mixed number
- Subtract from a mixed number – breaking the whole
- Subtract two mixed numbers

Nugget Code Nugget Name

- | | |
|--------|--|
| PM4.29 | Adding and subtracting mixed numbers 1 |
|--------|--|

Spring Term

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
Multiplication and division B

White Rose Small Steps

- Multiply up to a 4-digit number by a 1-digit number
- Multiply a 2-digit number by a 2-digit number (area model)
- Multiply a 2-digit number by a 2-digit number
- Multiply a 3-digit number by a 2-digit number
- Multiply a 4-digit number by a 2-digit number
- Solve problems with multiplication
- Short division
- Divide a 4-digit number by a 1-digit number
- Divide with remainders
- Efficient division
- Solve problems with multiplication and division
- Divide a 2-digit number by a 1-digit number (2)
- Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication
- Efficient multiplication

Nugget Code Nugget Name

- | | |
|--------|--|
| PM3.50 | 3/4-Digit: Multiplying by 1-Digit |
| PM3.51 | 2-Digit: Multiplying by 2-Digits |
| PM3.52 | 3/4-Digit: Multiplying by 2-Digits |
| PM3.37 | 2/3-Digit: Dividing Using Written Methods |
| PM3.53 | 3/4-Digit: Dividing by 1-Digit Numbers Using Short Division (without Remainders) |
| PM3.54 | 3/4-Digit: Dividing by 1-Digit Numbers Using Short Division (with Remainders) |

Block 02

Weeks
04 - 05

Topic
Fractions B

White Rose Small Steps

Multiply a unit fraction by an integer
Multiply a non-unit fraction by an integer
Multiply a mixed number by an integer
Calculate a fraction of a quantity
Fraction of an amount
Find the whole
Use fractions as operators

Nugget Code Nugget Name

PM4.28	Multiplying Fractions by Whole Numbers
PM4.30	Multiplying Mixed Numbers by Whole Numbers
PM4.06	Finding Unit Fractions of Amounts
PM4.07	Finding Non-Unit Fractions of Amounts
PM4.36	Finding Fractions of Amounts: Finding the Whole
PM4.31	Fractions as Operators

Block 03

Weeks
06 - 08

Topic
Decimals and percentages

White Rose Small Steps

Decimals up to 2 decimal places
Equivalent fractions and decimals (tenths)
Equivalent fractions and decimals (hundredths)
Equivalent fractions and decimals
Thousandths as fractions
Thousandths as decimals
Thousandths on a place value chart
Order and compare decimals (same number of decimal places)
Order and compare any decimals with up to 3 decimal places
Round to the nearest whole number
Round to 1 decimal place
Understand percentages
Percentages as fractions
Percentages as decimals
Equivalent fractions, decimals and percentages

Nugget Code Nugget Name

PM1.21	2dp: Recognising Place Value in Decimals
PM4.10	Decimal Equivalents (Tenths/Hundredths)
PM4.11	Decimal Equivalents (Quarter, Half and Three Quarters)
PM12.01	Thousandths
PM12.02	3dp: Recognising Place Value in Decimals
PM4.14	Comparing Decimals
PM4.13	Rounding Decimals to the Nearest Whole Number
PM12.03	Rounding Decimals
PM12.05	Introduction to Percentages
PM12.06	Fractions, Decimals and Percentages 1

Block 05

Weeks
09 - 10

Topic
Perimeter
and area

White Rose Small Steps

Perimeter of rectangles
Perimeter of rectilinear shapes
Perimeter of polygons
Area of rectangles
Area of compound shapes
Estimate area

Nugget Code Nugget Name

PM5.09	Calculating the Perimeter
PM5.09	Calculating the Perimeter
PM13.02	Area of Rectangles
PM13.03	Area of Compound Shapes
PM13.04	Estimating Area

Block 06

Weeks
11 - 12

Topic
Statistics

White Rose Small Steps

Draw line graphs
Read and interpret line graphs
Read and interpret tables
Two-way tables
Read and interpret timetables

Nugget Code Nugget Name

PM9.04	Line Graphs 1
PM9.08	Line Graphs 2
PM9.05	Tables 3
PM9.06	Two-Way Tables
PM9.07	Timetables

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
Shape

White Rose Small Steps

- Understand and use degrees
- Classify angles
- Estimate angles
- Measure angles up to 180°
- Draw lines and angles accurately
- Calculate angles around a point
- Calculate angles on a straight line
- Lengths and angles in shapes
- Regular and irregular polygons
- 3-D shapes

Nugget Code Nugget Name

- PM14.05 Identifying Angles 2
- PM14.07 Estimating Angles
- PM14.08 Measuring Angles
- PM14.09 Drawing Angles
- PM14.12 Angles Around a Point
- PM14.11 Angles on a Straight Line
- PM14.01 Regular and Irregular Polygons
- PM8.02 Describing 3D Shapes

Block 02

Weeks
04 - 05

Topic
Position and Direction

White Rose Small Steps

- Read and plot coordinates
- Problem solving with coordinates
- Translation
- Translation with coordinates
- Lines of symmetry
- Reflection in horizontal and vertical lines

Nugget Code Nugget Name

- PM8.15 Plotting Points
- PM8.16 Translation 1
- PM15.01 Reflection 1

Block 03

Weeks
06 - 08

Topic
Decimals

White Rose Small Steps

- Use known facts to add and subtract decimals within 1
- Complements to 1
- Add and subtract decimals across 1
- Add decimals with the same number of decimal places
- Subtract decimals with the same number of decimal places
- Add decimals with different numbers of decimal places
- Subtract decimals with different numbers of decimal places

Nugget Code Nugget Name

- PM12.14 Adding and Subtracting Decimals (within 1)
- PM4.41 2dp: Decimal Complements to 1
- PM12.15 3dp: Decimal Complements to 1
- PM12.04 Adding and Subtracting Decimals
- PM4.12 Dividing and Multiplying by 10 and 100
- PM3.45 Multiplying by 10, 100 and 1000 (Involving Decimals up to 3 d.p)

Block 03

Continued

Weeks

06 - 08

Topic

Decimals**White Rose Small Steps**

Efficient strategies for adding and subtracting decimals

Decimal sequences

Multiply by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Multiply and divide decimals - missing values

Nugget Code Nugget NamePM3.46 Dividing by 10, 100 and 1000
(Involving Decimals up to 3 d.p)**Block 04**

Week

09

Topic

**Negative
Numbers****White Rose Small Steps**

Understand negative numbers

Count through zero in 1s

Count through zero in multiples

Compare and order negative numbers

Find the difference

Nugget Code Nugget Name

PM1.18 Negative Numbers 1

PM1.19 Negative Numbers 2 (Including Addition and Subtraction)

Block 05

Week

10

Topic

**Converting
Units****White Rose Small Steps**

Kilograms and kilometres

Millimetres and Millilitres

Convert units of length

Convert between metric and imperial units

Convert units of time

Calculate with timetables

Nugget Code Nugget Name

PM5.11 Converting mm and cm

PM5.12 Converting cm and m

PM5.13 Converting m and km

PM5.23 Solving Length Problems with Conversion

PM5.22 Imperial Units of Length

PM5.24 Imperial Units of Mass

PM5.26 Imperial Units of Volume and Capacity

PM7.15 Converting Units of Time

PM9.07 Timetables

Block 06

Week

11

Topic

Volume**White Rose Small Steps**

Cubic centimetres

Compare volume

Estimate volume

Estimate capacity

Nugget Code Nugget Name

PM13.06 Volume of Shapes 1

White Rose Mapping - Year 6

Autumn Term

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 02

Topic
Place Value

White Rose Small Steps

Numbers to 1,000,000
 Numbers to 10,000,000
 Read and write numbers to 10,000,000
 Powers of 10
 Number line to 10,000,000
 Compare and order any integers
 Round any integer
 Negative numbers

Block 02

Weeks
03 - 07

Topic
Addition,
Subtraction,
Multiplication
and Division

White Rose Small Steps

Add and subtract integers
 Common factors
 Common multiples
 Rules of divisibility
 Primes to 100
 Square and cube numbers
 Multiply up to a 4-digit number by a 2-digit number
 Solve problems with multiplication
 Short division
 Division using factors
 Introduction to long division
 Long division with remainders

Nugget Code Nugget Name

PM1.25 Place value up to 1,000,000
 PM1.31 Place value up to 10,000,000
 PM1.26 Comparing and ordering numbers to 1,000,000
 PM1.23 Rounding to the nearest 10, 100 and 1000
 PM1.28 Rounding to the nearest 10,000 and 100,000
 PM1.18 Negative numbers 1
 PM1.19 Negative numbers 2 (including addition and subtraction)

Nugget Code Nugget Name

PM2.22 4+ Digits: Column addition
 PM2.23 4+ Digits: Column subtraction
 PM3.40 Common factors
 PM3.55 Common multiples
 PM3.41 Prime numbers
 PM3.43 Square numbers
 PM3.44 Cube numbers
 PM3.51 2-Digit: Multiplying by 2-digits
 PM3.52 3/4-Digit: Multiplying by 2-digits
 PM11.02 Solving multistep problems 1 (with multiplication)
 PM3.53 3/4-Digit: Dividing by 1-digit numbers using short division (without remainders)
 PM3.54 3/4-Digit: Dividing by 1-digit numbers using short division (with remainders)

Block 02

Continued

Weeks
03 - 07

Topic
Addition,
Subtraction,
Multiplication
and Division

White Rose Small Steps

Solve problems with division
Solve multi-step problems
Order of operations
Mental calculations and estimation
Reason from known facts

Nugget Code Nugget Name

PM3.57	Long division 1 (dividing by a single digit number)
PM3.58	Long division 2 (dividing by a 2-Digit number)
PM11.03	Solving Multistep Problems 2 (with Division)
PM11.05	Operations of equal priority
PM11.06	BIDMAS: 4 operations and brackets
PM11.07	BIDMAS: Indices

Block 03

Weeks
08 - 09

Topic
Fractions A

White Rose Small Steps

Equivalent fractions and simplifying
Equivalent fractions on a number line
Compare and order (denominator)
Compare and order (numerator)
Add and subtract simple fractions
Add and subtract any two fractions
Add mixed numbers
Subtract mixed numbers
Multi-step problems

Nugget Code Nugget Name

PM4.15	Equivalent fractions 2
PM4.34	Fractions on a number line 1
PM4.35	Fractions on a number line 2
PM4.23	Simplifying fractions
PM4.16	Comparing proper fractions 1
PM4.21	Comparing proper fractions 2
PM4.27	Adding and subtracting fractions with different denominators
PM4.32	Adding and subtracting fractions with different denominators 2
PM4.29	Adding and subtracting mixed numbers 1
PM4.33	Adding and subtracting mixed numbers 2

Block 04

Weeks
10 - 11

Topic
Fractions B

White Rose Small Steps

Multiply fractions by integers
Multiply fractions by fractions
Divide a fraction by an integer
Divide any fraction by an integer
Mixed questions with fractions
Fraction of an amount
Fraction of an amount – find the whole

Nugget Code Nugget Name

PM4.28	Multiplying fractions by whole numbers
PM4.24	Multiplying simple pairs of proper fractions
PM4.25	Dividing fractions by whole numbers
PM4.08	Finding fractions of amounts
PM4.36	Finding fractions of amounts: finding the whole

Block 05

Week
12

Topic
Converting
Units

White Rose Small Steps

Metric measures
Convert metric measures
Calculate with metric measures
Miles and kilometres
Imperial measures

Nugget Code Nugget Name

PM5.29	Converting metric measures
PM5.23	Solving length problems with conversion
PM5.25	Solving mass problems with conversion
PM5.27	Solving volume and capacity problems with conversion
PM5.30	Converting miles and kilometres
PM5.22	Imperial units of length
PM5.24	Imperial units of mass
PM5.26	Imperial units of volume and capacity

Spring Term

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 02

Topic
Ratio

White Rose Small Steps

Add or multiply?
Use ratio language
Introduction to the ratio symbol
Ratio and fractions
Scale drawing
Use scale factors
Similar shapes
Ratio problems
Proportion problems
Recipes

Nugget Code Nugget Name

PM17.01	Introduction to Ratio
PM17.03	Ratios and Fractions
PM17.05	Similar Shapes
PM17.04	Sharing into a Given Ratio
PM17.06	Proportion

Block 02

Weeks
03 - 04

Topic
Algebra

White Rose Small Steps

1-step function machines
2-step function machines
Form expressions
Substitution
Formulae
Form equations
Solve 1-step equations
Solve 2-step equations
Find pairs of values
Solve problems with two unknowns

Nugget Code Nugget Name

PM18.02	Function Machines
PM18.03	Forming Expressions 1
PM18.04	Forming Expressions 2
PM18.05	Forming Expressions 3
PM18.06	Substitution
PM18.07	Formulae
PM18.08	Solving 1 Step Equations
PM18.09	Solving 2 Step Equations
PM18.10	Satisfying Equations with 2 Variables

Block 03

Weeks
05 - 07

Topic
Decimals

White Rose Small Steps

Place value within 1
Place value – integers and decimals
Round decimals
Add and subtract decimals
Multiply by 10, 100 and 1,000
Divide by 10, 100 and 1,000
Multiply decimals by integers
Divide decimals by integers
Multiply and divide decimals in context

Nugget Code Nugget Name

PM12.02	3dp: Recognising Place Value in Decimals
PM12.03	Rounding Decimals
PM12.04	Adding and Subtracting Decimals
PM3.45	Multiplying by 10, 100 and 1000 (Involving Decimals up to 3 d.p.)
PM3.46	Dividing by 10, 100 and 1000 (Involving Decimals Up to 3 d.p.)
PM12.09	Multiplying Decimals
PM12.10	Dividing Decimals

Block 04

Weeks
07 - 08

Topic
Fractions,
decimals and
percentages

White Rose Small Steps

Decimal and fraction equivalents
Fractions as division
Understand percentages
Fractions to percentages
Equivalent fractions, decimals and percentages
Order fractions, decimals and percentages
Percentage of an amount – one step
Percentage of an amount – multi-step
Percentages – missing values

Nugget Code Nugget Name

PM12.11	Converting Decimals to Fractions
PM12.12	Fractions to Decimals Using Division
PM12.05	Introduction to Percentages
PM12.07	Finding Percentages 1
PM12.08	Finding Percentages 2
PM12.06	Fractions, Decimals and Percentages 1
PM12.13	Fractions, Decimals and Percentages 2
PM16.01	Finding Percentages of Amounts 1 (1%, 10%, 25%, 50%)
PM16.02	Finding Percentages of Amounts 2 (2-9%)
PM16.03	Finding Percentages of Amounts 3 (multiples of 10)
PM16.04	Finding Percentages of Amounts 4 (11-99%)
PM16.05	Percentages (Missing Values)

Block 05

Weeks
09 - 10

Topic
Area,
perimeter and
volume

White Rose Small Steps

Shapes – same area
Area and perimeter
Area of a triangle – counting squares
Area of a right-angled triangle
Area of any triangle
Area of a parallelogram
Volume – counting cubes
Volume of a cuboid

Nugget Code Nugget Name

PM13.05	Area and Perimeter
PM13.08	Area of Right-Angled Triangles
PM13.09	Area of Triangles
PM13.07	Area of Parallelograms
PM13.06	Volume of Shapes 1
PM13.10	Volume of Shapes 2

Block 06

Weeks
11 - 12

Topic
Statistics

White Rose Small Steps

Line graphs
Dual bar charts
Read and interpret pie charts
Pie charts with percentages
Draw pie charts
The mean

Nugget Code Nugget Name

PM9.09	Line Graphs 3
PM9.10	Pie Charts 1
PM9.11	Pie Charts 2
PM9.12	Finding the Mean

Summer Term

White Rose Map

CENTURY Nuggets

Block 01

Weeks
01 - 03

Topic
Shape

White Rose Small Steps

Measure and classify angles
Calculate angles
Vertically opposite angles
Angles in a triangle
Angles in a triangle - special cases
Angles in a triangle - missing angles
Angles in a quadrilateral
Angles in polygons
Circles
Draw shapes accurately
Nets of 3-D shapes

Nugget Code Nugget Name

PM14.05 Identifying Angles 2
PM14.08 Measuring Angles
PM14.15 Vertically Opposite Angles
PM14.16 Angles in Triangles
PM14.17 Angles in Quadrilaterals
PM14.13 Circles
PM14.14 Nets of Shapes 2

Block 02

Week
04

Topic
Position and
Direction

White Rose Small Steps

The first quadrant
Read and plot points in four quadrants
Solve problems with coordinates
Translations
Reflections

Nugget Code Nugget Name

PM8.15 Plotting Points
PM15.02 Four Quadrants
PM15.03 Translation 2
PM15.04 Reflection 2

Questions?
Email support@century.tech

