



Maths

EYFS

Intent: Our curriculum is designed to allow children to make rich connections and to be able to reason, problem solve and develop fluent conceptual understanding so that learners deepen and broaden their knowledge and skills and become lifelong mathematicians. We use the White Rose long term overviews and schemes of learning to ensure that our planned curriculum details the core facts, concepts, methods and strategies that give our pupils the best chance of developing proficiency. We sequence the teaching of linked facts and methods to take advantage of the way that knowing facts helps learn methods.

Implementation: We use a variety of teaching and learning styles in lessons; this will allow for teachers to choose how to most effectively ensure conceptual understanding.

Impact: Children will be able to talk confidently about their maths. They will enjoy maths, develop a confidence and a love of learning they will progress with. Children will be empowered to use appropriate methods and strategies (such as manipulatives, pictorial and written methods) independently. All children will reach age expectations by the end of their academic year. Our delivery allows children to be challenged and exposed to a mastery curriculum within a purposeful environment.

Inquiry 1

Knowledge, skills and learning

White Rose units:
Getting to know you
Just like me!

Inquiry 2

Knowledge, skills and learning

White Rose units:
It's me, 1, 2, 3!
Light and dark

Inquiry 3

Knowledge, skills and learning

White Rose units:
Alive in 5!
Growing 6, 7, 8

Inquiry 4

Knowledge, skills and learning

White Rose units:
Building 9 and 10

Inquiry 5

Knowledge, skills and learning

White Rose units:
To 20 and beyond
First, then, now

Inquiry 6

Knowledge, skills and learning

White Rose units:
Find my pattern
On the move



Maths

Y1

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Inquiry 1

Knowledge, skills and learning

White Rose units:

Place value (within 10)

Addition and subtraction (within 10)

Inquiry 2

Knowledge, skills and learning

White Rose units:

Addition and subtraction (within 10)

Geometry (shape)

Place value (within 20)

Inquiry 3

Knowledge, skills and learning

White Rose units:

Addition and subtraction (within 20)

Place value (within 50)

Inquiry 4

Knowledge, skills and learning

White Rose units:

Length and height

Weight and volume

Inquiry 5

Knowledge, skills and learning

White Rose units:

Multiplication and division

Fractions

Geometry (position and direction)

Inquiry 6

Knowledge, skills and learning

White Rose units:

Place value (within 100)

Money

Time



Maths

Y2

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Inquiry 1

Knowledge, skills and learning

White Rose units:

Place value

Addition and subtraction

Inquiry 2

Knowledge, skills and learning

White Rose units:

Addition and subtraction

Money

Multiplication and division

Inquiry 3

Knowledge, skills and learning

White Rose units:

Multiplication and division

Statistics

Inquiry 4

Knowledge, skills and learning

White Rose units:

Properties of shape

Fractions

Inquiry 5

Knowledge, skills and learning

White Rose units:

Length and height

Position and direction

Inquiry 6

Knowledge, skills and learning

White Rose units:

Time

Mass, capacity and temperature



Maths

Y3

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Inquiry 1

Inquiry 2

Inquiry 3

Inquiry 4

Inquiry 5

Inquiry 6

Knowledge, skills and learning

White Rose units:

Place value

Addition and subtraction

Knowledge, skills and learning

White Rose units:

Addition and subtraction

Multiplication and division

Knowledge, skills and learning

White Rose units:

Multiplication and division

Money

Statistics

Knowledge, skills and learning

White Rose units:

Length and perimeter

Fractions

Knowledge, skills and learning

White Rose units:

Fractions

Time

Knowledge, skills and learning

White Rose units:

Properties of shape

Mass and capacity



Maths

Y4

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Knowledge, skills and learning

White Rose units:

Place value

Addition and subtraction

Inquiry 2

Knowledge, skills and learning

White Rose units:

Length and perimeter

Multiplication and division

Inquiry 3

Knowledge, skills and learning

White Rose units

Multiplication and division

Area

Fractions:

Inquiry 4

Knowledge, skills and learning

White Rose units:

Fractions

Decimals

Inquiry 5

Knowledge, skills and learning

White Rose units:

Decimals

Money

Time

Inquiry 6

Knowledge, skills and learning

White Rose units:

Statistics

Properties of shape

Position and direction



Maths

Y5

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Inquiry 1

Knowledge, skills and learning

White Rose units:

Place value

Addition and subtraction

Inquiry 2

Knowledge, skills and learning

White Rose units:

Statistics

Multiplication and division

Perimeter and area

Inquiry 3

Knowledge, skills and learning

White Rose units:

Multiplication and division

Fractions

Inquiry 4

Knowledge, skills and learning

White Rose units:

Fractions

Decimals and percentages

Inquiry 5

Knowledge, skills and learning

White Rose units:

Decimals

Properties of shape

Inquiry 6

Knowledge, skills and learning

White Rose units:

Position and direction

Converting units

Volume



Maths

Y6

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Inquiry 1

Knowledge, skills and learning

White Rose units:

Place value

Addition, subtraction, multiplication and division

Inquiry 2

Knowledge, skills and learning

White Rose units:

Fractions

Position and direction

Inquiry 3

Knowledge, skills and learning

White Rose units:

Decimals

Percentages

Algebra

Inquiry 4

Knowledge, skills and learning

White Rose units:

Converting units

Perimeter, area and volume

Ratio

Inquiry 5

Knowledge, skills and learning

White Rose units:

Statistics

Properties of shape

Inquiry 6

Knowledge, skills and learning

White Rose units:

Consolidation and themed projects