

Year R Mathematics Curriculum Overview

Children will learn the principles of counting. Curriculum planning should be flexible and respond to the needs of the learner.

Starter topics are suggested to ensure a cyclical approach and provide sufficient opportunities to revisit knowledge and concepts.

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Main Topic	Baseline		Getting to know you. The principles of counting.	Matching To be able to match, sort and compare amounts. Explore patterns.	Matching To be able to match, sort and compare amounts. Compare size.	Matching To be able to match, sort and compare amounts. Explore mass and capacity.	Number and Place Value: 1,2,3 Representing and comparing numbers to 3. Circles, triangles, and positional language.	Number and Place Value: 1,2,3 Representing and comparing numbers to 3. Circles, triangles, and positional language.	Number and Place Value: 1,2,3 Representing and comparing numbers to 3. Circles, triangles, and positional language.	Representing numbers to 5. One more and less. Shapes with four sides.	Representing numbers to 5. One more and less. Time.	Consolidation

** Alongside the introduction to number is taught how the number is made, any shapes which link to this number, understanding one more and one less than this number and the introduction of the part, part, whole model**

Spring	Main Topic	Comparing numbers to 5. Introduce zero and compare numbers to 5. Compare mass.	Comparing numbers to 5. Introduce zero and compare numbers to 5. Compare capacity.	Comparing numbers to 5. Introduce zero and compare numbers to 5.	Introduce 6,7,8. Making groups and comparing amounts. Length and height.	6,7,8. Making groups and comparing amounts. Length and height.	6,7,8. Making groups and comparing amounts. Time.	Building 9,10 Comparing numbers to 10. 3D Shape.	Building 9,10 Comparing numbers to 10. Pattern.	Building 9,10 Comparing numbers to 10. Pattern.	Addition and Subtraction: Number bonds to 10 - part whole model	Assessment Week	Investigation
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Summer	Main Topic	Numbers to 20. Building numbers and counting patterns beyond 20. Spatial reasoning. Match, rotate and manipulate.	Numbers to 20. Building numbers and counting patterns beyond 20. Spatial reasoning. Match, rotate and manipulate.	Numbers to 20. Building numbers and counting patterns beyond 20. Spatial reasoning. Match, rotate and manipulate.	Addition and Subtraction: Adding more and taking away. Spatial reasoning. Compose and decompose.	Addition and Subtraction: Adding more and taking away. Spatial reasoning. Compose and decompose.	Addition and Subtraction: Adding more and taking away. Spatial reasoning. Compose and decompose.	Numerical Patterns: Doubling, sharing and grouping. Spatial reasoning. Visualise and build.	Numerical Patterns: Doubling, sharing and grouping. Spatial reasoning. Visualise and build.	Numerical Patterns: Doubling, sharing and grouping. Spatial reasoning. Visualise and build.	Understanding patterns and relationships. Spatial reasoning. Mapping.	Understanding patterns and relationships. Spatial reasoning. Mapping.	Understanding patterns and relationships. Spatial reasoning. Mapping.
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**All of the above are planned alongside the children's interests, as well as ensuring key knowledge is developed and challenged. **

White Rose Planning is used as a guide and Numberblocks used to introduce each new number

Shape, Space and Measure is also taught throughout the year in child-initiated learning