Maths — No Problem! Foundations

About the Programme:

Maths — No Problem! Foundations is a complete Reception programme that includes Workbook Journals, Picture Books and online Teacher Guides with printable resource sheets, all in one package.

Maths — No Problem! Foundations is a one-year UK curriculum maths course for Reception developed with a deep maths-mastery focus and with genuine attention to learning core principles through embedded play.

It is produced by the same award-winning team that brought you the **Maths — No Problem!** Primary Series, a programme approved by the Department for Education and one of the few judged as meeting the rigorous quality guidance published by the National Centre for Excellence in the Teaching of Mathematics. **Maths — No Problem!** Foundations is developed by maths mastery experts including Judy Hornigold, our lead author. Dr Yeap Ban Har, a world-renowned expert in Singapore maths, directed the design of the Picture Books and James Allan Hermanson authored the stories.

Topic and Activity Overview:

Term 3

This Term 3 overview shows week-by-week the areas of learning and strands that are the main focus for your class. The relevant Early Learning Goal is also given, with all the activities connecting to, and building upon, the statutory framework. We have also included a suggestion for which of the picture books you might use, though they can of course be used for all strands!

Maths — No Problem! Foundations uses the same spiral approach as the Primary Series, to ensure depth of learning and secure understanding of key mathematical concepts. Using this weekly guide you can introduce, revisit and build on your children's knowledge.

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	Week 1	Week 2	Week 3	Week 4
Maths — No Problem! Area of learning	Number and Pattern	Number and Pattern	Number and Pattern	Number and Pattern
Maths — No Problem! Strand	Counting On to Add	Counting Forwards and Backwards	Counting to 20	Doubling
EYFS Early Learning Goal	Numerical patterns: Explore and represent patterns within numbers up to 10; Compare quantities up to 10 in different contexts.	Numerical patterns: Explore and represent patterns within numbers up to 10; Compare quantities up to 10 in different contexts.	Number: Have a deep understanding of number to 10. Numerical patterns: Compare quantities up to 10 in different contexts.	Numerical patterns: Explore and represent patterns within numbers up to 10.
Activities	1. Counting Sequences 2. Counting On from 5 3. Adding On a Ten Frame 4. Counting On from Any Number 5. Counting On from a Hidden Number	1. Counting Backwards 2. Counting Back from 10 3. Finding 1 More and 1 Less 4. Find the Quantity of a Hidden Collection 5. Finding the Unknown Amount	1. Counting to 20 Forwards and Backwards 2. Making Numbers 1–20 3. Different Representations of Numbers 11–20 4. 1 More, 1 Less 5. Ordering Numbers to 20	1. Exploring the Term Double 2. Doubling with Fingers 3. Doubling on a Five Frame to a Ten Frame 4. Recognising Doubles 5. Doubles and Not Doubles
Picture Book link	Magic Oven (Counting On)	Rosy Red (Counting On and Back)	Magic Oven (Counting to 20)	Playmates (Double Numbers)

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	Week 5	Week 6	Week 7	Week 8
Maths — No Problem! Area of learning	Number and Pattern	Number and Pattern	Shape, Space and Measure	Shape, Space and Measure
Maths — No Problem! Strand	Halving and Sharing	Odds and Evens	Mass	Volume and Capacity
EYFS Early Learning Goal	Number: Have a deep understanding of number to 10. Numerical patterns: Compare quantities up to 10 in different contexts; Explore and represent patterns within numbers up to 10.	Numerical patterns: Explore and represent patterns within numbers up to 10.	... rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. Numerical patterns: Compare quantities up to 10 in different contexts.	... rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures.
Activities	1. Equal Sharing 2. Halving 3. Halving as the Opposite of Doubling 4. Halving Patterns 5. Sharing Between More Than 2 People	1. Understanding Odd and Even Numbers 2. Finding Odd and Even Numbers 3. Using Ten Frames to Show Odds and Evens 4. Pairs 5. Adding and Subtracting 1	1. Heavy and Light 2. Exploring Mass 3. Comparing Masses 4. Cooking 5. Using Non-Standard Units to Measure Mass	1. Describing Different Volumes of Liquids 2. Finding the Volume of Liquid in a Container 3. Comparing Capacities 4. Capacity of Everyday Objects 5. Quantifying Capacity
Picture Book link	This 'n That (Grouping and Sharing)	This 'n That (Sorting)	Magic Oven (Mass)	This 'n That (Capacity)

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	Week 9	Week 10	Week 11	Week 12
Maths — No Problem! Area of learning	Shape, Space and Measure	Number and Pattern	Number and Pattern; Shape, Space and Measure	Number and Pattern
Maths — No Problem! Strand	Money	Data	All	Word Problems
EYFS Early Learning Goal	… rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. Number: Automatically recall number bonds up to 5. Numerical patterns: Compare quantities up to 10 in different contexts.	Number: Have a deep understanding of number to 10. Numerical patterns: Compare quantities up to 10 in different contexts; Explore and represent patterns within numbers up to 10.	Developing a strong grounding in number. … rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures.	Developing a strong grounding in number.
Activities	1. Recognising Coins 2. Shopping with Coins 3. Combining Coins 4. Sharing Money Equally 5. Giving Change	1. Pictograms 2. Collecting Data 3. Interpreting Data 4. Recording Data 5. Tally Charts	1. Combinations of Coins 2. Estimating Height 3. Constructing Shapes from 2D Shapes 4. Combinations of Numbers 5. Finding Routes	1. Numberless Word Problems 2. Understanding the Problem 3. Addition Word Problems 4. Subtraction Word Problems 5. Creating Word Problems
Picture Book link	Rosy Red (Addition and Subtraction)	Playmates (Collecting Data)	All four Picture Books can be used to reinforce learning across the strands.	All four Picture Books can be used as a starting point for word problems.

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