**03. 2D Shapes & 04. Numbers 1 & 2**

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| **Elements** | * Understanding and Connecting
 | * Communicating
 | * Reasoning
 | * Applying and Problem-Solving
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| **Pedagogical Practices** | * Using cognitively challenging tasks
 | * Promoting maths talk
 | * Fostering productive disposition
 | * Encouraging playfulness
 | * Emphasising mathematical modeling
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| **Linkage and****Integration** |
| **Number**: Uses of Number |
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| **Differentiation** |
| Alter pace as required.Use low-threshold high-ceiling tasks and parallel tasks.Provide concrete resources.Use the Extension Activities to provide extra challenge. |
| **Assessment** |
| **Intuitive Assessment**Use maths talk, key questions and observation to assess children as they engage in learning experiences.**Planned Interactions**Use key questions to discuss children’s work with them as they engage in learning experiences.**Assessment Events**Pupil book pages 10 - 13*Maths My Way* Autumn Assessment. |
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| **Strand and Strand Unit** | **Learning****Outcome(s)** | **Mathematical****Concept(s)** | **Mathematical****Language** | **Focus of****New Learning** | ✓ | **Learning****Experiences** |
| **Week 1** |  **Shape and Space:** Shape | Through appropriately playful and engaging learning experiences, children should be able to explore and recognise properties of 3-D and 2-D shapes. | 3-D and 2-D shapes can be classified and sorted by their appearance and by simple properties.2-D shapes are flat. They have two dimensions, length and width. Shapes can be combined to make other shapes and/or structures. | sidesstraight cornersround samedifferent circle triangle rectanglesquare | 1. Recognise and sort circles and triangles.
 |  | * Go on a shape hunt.
* Identify and sort physical 2D shapes.
* Use sensory materials to draw 2D shapes.
* Explore ‘almost’ 2D shapes.
* Combine 2D shapes to make a shape picture.
* Use Maths Eyes to recognise shapes in the real world.
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| 1. Recognise and sort circles, triangles, rectangles and squares.
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| 1. Explore variations and non-examples of 2D shapes.
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| 1. Combine 2D shapes.
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| **Week 2** | **Number:** Numeration and Counting | Through appropriately playful and engaging learning experiences, children should be able to develop an awareness that the purpose of counting is to quantify. | Quantities can be subitised and compared without needing to count or assign a numerical value.There are five principles of counting: one-one, stable order, cardinal, order irrelevance and abstraction.The last number in the count indicates the quantity in a set.There are a range of counting strategies, including grouping objects and arranging objects in various visual configurations. | one (1)two (2)numbernumber before number after How many? odd one out samedifferent | 1. Introduce and write 1.
 |  | * Listen to a song/poem about the number 1/2.
* Use Maths Eyes to recognise the number 1/2 in the real world.
* Go on a treasure hunt for the number 1/2
* Write the number 1/2.
* Explore the components of 2 using concrete materials like 5 frames and counters.
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| 1. Introduce and write 2.
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| 1. Count and subitise 1 and 2.
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| 1. Components of 2.
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**Overview**



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| **Week 1** | **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| **Focus of New Learning** | Recognise and sort circles and triangles. | Recognise and sort circles, triangles, rectangles and squares. | Explore variations and non-examples of 2D shapes. | Combine 2D shapes. | Weekly review. |
| **Slides** | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 |
| **Book** |   | p.10 |  | p.11 |  |
| **Concrete Resources** | 2D shapes (circles, triangles, squares, rectangles), feely bag, craft matchsticks, sensory materials (sand, rice, shaving cream) |
| **Digital Resources** | 3. 2D Shapes: Game | 3. 2D Shapes Printable 1Planet Maths: Circles and Squares (Draw) | Planet Maths: Circles and Squares (Identify) | Planet Maths: Triangles and Rectangles (Draw) | Planet Maths: Triangles and Rectangles (Identify)| Planet Maths: Colour the Shapes |

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| **Week 2** | **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| **Focus of New Learning** | Introduce and write 1. | Introduce and write 2. | Count and subitise 1 and 2. | Components of 2. | Weekly review. |
| **Slides** | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 |
| **Book** | p. 12 | p. 13 | pp. 12 and 13 |   | pp. 12 and 13 |
| **Concrete Resources** | Dice, cubes, mini whiteboards, 5 frames, coloured counters |
| **Digital Resources** | 4. Number pack: 1 4. Number pack: 24. Planet Maths: Numbers 1 and 2 |