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

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| **Elements** | * Understanding and Connecting | * Communicating | * Reasoning | * Applying and Problem-Solving |  |
| **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. | sides  straight corners  round  same  different  circle  triangle rectangle  square | 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. |
| 1. Recognise and sort circles, triangles, rectangles and squares. |  |
| 1. Explore variations and non-examples of 2D shapes. |  |
| 1. Combine 2D shapes. |  |
| **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)  number  number before number after How many? odd one out same  different | 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. |
| 1. Introduce and write 2. |  |
| 1. Count and subitise 1 and 2. |  |
| 1. Components of 2. |  |

**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 1  Planet 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: 2  4. Planet Maths: Numbers 1 and 2 | | | | |