

| Week | Unit                                 | Lesson titles                       | Domain  |
|------|--------------------------------------|-------------------------------------|---|
| 1    | Baseline – Getting to know you       |                                     |   |
| 2    | Baseline – Getting to know you       |                                     |   |
| 3    |                                      | Baseline – Getting                  | to know you   |
| 4    | Match, sort and compare              | Step 1 – Match objects              | Matching is a simple form of sorting and is the beginning of logical thinking. Through matching, children learn one-to-one correspondence.  |
|      |                                      | Step 2 – Match pictures and objects | Matching is a simple form of sorting and is the beginning of logical thinking. Through matching, children learn one-to-one correspondence. Matching objects to pictures develops children's understanding that objects can be represented by pictures.          |
|      |                                      | Step 3 – Identify a set             | Identifying and making sets is a precursor to counting. Children need this for the basis of the counting principles of cardinality and one-to-one correspondence.   |
|      |                                      | Step 4 – Sort objects to a type     | When children sort objects, they are learning that some things are alike, and some are different. Early experiences of sorting objects into groups according to their similarities helps children to learn how to categorise and is a precursor to classifying. |
| 5    |                                      | Step 5 – Explore sorting techniques |   |
|      |                                      | Step 6 – Create sorting rules       |   |
|      |                                      | Step 7 – Compare amounts            | Development Matters – Reception – Compare numbers.  |
|      | Talk about<br>measure and<br>pattern | Step 1 – Compare size               | Development Matters – 3 and 4-year-olds – Make comparisons between objects relating to size, length, weight and capacity.   |
| 6    | •                                    | Step 2 – Compare mass               | Development Matters – 3 and 4-year-olds – Make comparisons between objects relating to size, length, weight and capacity.   |
|      |                                      | Step 3 – Compare capacity           | Development Matters – 3 and 4-year-olds – Make comparisons between objects relating to size, length, weight and capacity.   |
|      |                                      | Step 4 – Explore simple patterns    | Development Matters – 3 and 4-year-olds – Talk about and identify the patterns around them.   |

|   |                       | Step 5 – Copy and continue simple patterns       | Development Matters – Reception – Continue, copy and create repeating patterns.   |
|---|-----------------------|--|---|
| 7 |                       | Step 6 – Create simple patterns                  | Development Matters – Reception – Continue, copy and create repeating patterns.   |
|   |                       | Consolid   | lation  |
|   | It's me 1,2,3         | Step 1 – Find 1, 2 and 3                         | Development Matters – Reception – Count objects, actions and sounds. Link the number symbol (numeral) with its cardinal number value.   |
|   |                       | Step 2 – Subitise 1, 2 and 3                     | Development Matters – Reception – Subitise  |
| 8 |                       | Step 3 – Represent 1, 2 and 3                    | Development Matters – Reception – Count objects, actions and sounds. Link the number symbol (numeral) with its cardinal number value.   |
|   |                       | Step 4 – 1 more                                  | Development Matters – Reception – Understand the 'one more than/one less than' relationship between consecutive numbers.  |
|   |                       | Step 5 – 1 less                                  | Development Matters – Reception – Understand the 'one more than/one less than' relationship between consecutive numbers.  |
|   |                       | Step 6 – Composition of 1,2 and 3                | Development Matters – Reception – Explore the composition of numbers to 10.   |
| 9 | Circles and triangles | Step 1 – Identify and name circles and triangles | Development Matters – 3 and 4-year-olds – Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language. |
|   |                       | Step 2 – Compare circles and triangles           | Development Matters – 3 and 4-year-olds – Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language. |
|   |                       | Step 3 – Shapes in the environment               | Development Matters – 3 and 4-year-olds – Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language. |
|   |                       | Step 4 – Describe position                       | Development Matters – 3 and 4-year-olds Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'.   |

| 10 | 1,2,3,4,5     | Step 1 – Find 4 and 5                          | Development Matters – Reception – Link the number symbol      |
|----|---------------|--|---|
|    |               |  | (numeral) with its cardinal number value.                     |
|    |               | Step 2 – Subitise 4 and 5                      | Development Matters - Reception - Subitise.                   |
|    |               |  | Birth to 5 Matters - Range 6 - Engages in subitising numbers  |
|    |               |  | to four and maybe five.                                       |
|    |               | Step 3 – Represent 4 and 5                     | Development Matters - Reception - Count objects, actions      |
|    |               |  | and sounds. Link the number symbol (numeral) with its         |
|    |               |  | cardinal number value.  |
|    |               | Step 4 – 1 more                                | Development Matters – Reception – Understand the 'one more    |
|    |               |  | than/one less than' relationship between consecutive numbers. |
| 11 |               | Step 5 – 1 less                                | Development Matters – Reception – Understand the 'one more    |
|    |               |  | than/one less than' relationship between consecutive numbers. |
|    |               | Step 6 – Composition of 4 and 5                | Development Matters – Reception – Explore the composition     |
|    |               |  | of numbers to 10.   |
|    |               | Step 7 – Composition of 1 -5                   | Development Matters – Reception – Explore the composition     |
|    |               | ' '  | of numbers to 10.   |
|    | Shapes with 4 | Step 1 – Identify and name shapes with 4 sides | Development Matters - 3 and 4-year-olds - Talk about and      |
|    | sides         |  | explore 2D and 3D shapes (for example, circles, rectangles,   |
|    |               |  | triangles and cuboids) using informal and mathematical        |
|    |               |  | language.   |
| 12 |               | Step 2 – Cobine shapes with 4 sides            | Development Matters - Reception - Compose and decompose       |
|    |               |  | shapes so that children recognise a shape can have other      |
|    |               |  | shapes within it, just as numbers can.                        |
|    |               | Step 3 – Shapes in the environment             | Development Matters - Reception - 3 and 4-year-olds - Talk    |
|    |               |  | about and explore 2D and 3D shapes (for example, circles,     |
|    |               |  | rectangles, triangles and cuboids) using informal and         |
|    |               |  | mathematical language.  |
|    |               | Step 4 – My day and night                      | Development Matters – 3 and 4-year-olds – Begin to describe   |
|    |               |  | a sequence of events, real or fictional, using words such as  |
|    |               |  | 'first', 'then'   |
|    |               | Consolida                                      |   |
| 1  | Alive in 5    | Step 1 – Introduce zero                        | Development Matters - Reception - Link the number symbol      |
| _  |               | '  | (numeral) with its cardinal number value.                     |
|    |               |  |   |

|   |              | To: 0 5 10 5                          |   |
|---|--------------|---------------------------------------|---|
|   |              | Step 2 – Find 0 - 5                   | Development Matters – Reception Link the number symbol                        |
|   |              |                                       | (numeral) with its cardinal number value.                                     |
|   |              |                                       | Count objects, actions and sounds.  |
|   |              | Step 3 – Subitise 0 to 5              | Development Matters – Reception – Subitise.                                   |
|   |              | Step 4 – Represent 0 to 5             | Development Matters – Reception   |
|   |              |                                       | <ul> <li>Link the number symbol (numeral) with its cardinal number</li> </ul> |
|   |              |                                       | value.  |
|   |              |                                       | Compare numbers.  |
| 2 |              | Step 5 – 1 more                       | Development Matters – Reception – Understand the 'one more                    |
| _ |              | Stop Corc                             | than/one less than' relationship between consecutive numbers.                 |
|   |              | Step 6 – 1 less                       | Development Matters – Reception – Understand the 'one more                    |
|   |              | 0.0p 0 1 1000                         | than/one less than' relationship between consecutive numbers.                 |
|   |              | Step 7 - Composition                  | Development Matters – Reception – Explore the composition                     |
|   |              | Otep 7 - Composition                  | of numbers to 10.   |
|   |              | Step 8 – Conceptual subitising to 5   | Development Matters – Reception – Subitise.                                   |
| _ |              |                                       |   |
| 3 | Growing 6, 7 | Step 1 – Find 6,7 and 8               | Development Matters – Reception   |
|   | and 8        |                                       | <ul> <li>Count objects, actions and sounds.</li> </ul>                        |
|   |              |                                       | <ul> <li>Link the number symbol (numeral) with its cardinal number</li> </ul> |
|   |              |                                       | value.  |
|   |              | Step 2 – Represent 6, 7 and 8         | Development Matters - Reception Count objects, actions and                    |
|   |              |                                       | sounds.   |
|   |              |                                       | Link the number symbol (numeral) with its cardinal number                     |
|   |              |                                       | value.  |
|   |              | Step 3 – 1 more                       | Development Matters – Reception – Understand the 'one more                    |
|   |              | · .                                   | than/one less than' relationship between consecutive numbers                  |
|   |              | Step 4 – 1 less                       | Development Matters – Reception – Understand the 'one more                    |
|   |              | '                                     | than/one less than' relationship between consecutive numbers                  |
| 4 |              | Step 5 – Composition of 6,7 and 8     | Development Matters – Reception – Explore the composition                     |
| _ |              |                                       | of numbers to 10.   |
|   |              | Step 6 – Make pairs – odd and even    | Development Matters – Reception – Explore the composition                     |
|   |              | Stop 5 Make pairs odd dild over       | of numbers to 10.   |
|   |              | Step 7 – Doubles to 8 (find a double) | Development Matters – Reception – Explore the composition                     |
|   |              |                                       | of numbers to 10  |
|   |              |                                       | of fidilipois to 10   |

|   |                        | Step 8 – Doubles to 8 (make a double) | Development Matters – Reception – Explore the composition  |
|---|------------------------|---------------------------------------|--|
|   |                        |                                       | of numbers to 10   |
| 5 |                        | Step 9 - Combine 2 groups             | Development Matters – Reception – Explore the composition of numbers to 10   |
|   |                        | Step 10 – Conceptual subitising       | Development Matters – Reception – Subitise.  |
|   |                        | Consoli                               | idation  |
|   | Length, time and heigh | Step 1 – Explore length               | Development Matters – Reception – Compare length, weight and capacity.   |
| 6 |                        | Step 2 – Compare length               | Development Matters – Reception – Compare length, weight and capacity.   |
|   |                        | Step 3 – Explore height               | Development Matters – Reception – Compare length, weight and capacity.   |
|   |                        | Step 4 – Compare height               | Development Matters – Reception – Compare length, weight and capacity.   |
|   |                        | Step 5 – Talk about time              | Development Matters – 3 and 4-year-olds – Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' |
| 7 |                        | Step 6 – Order and sequence time      | Development Matters – 3 and 4-year-olds – Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' |
|   | Building 9 and<br>10   | Step 1 – Find 9 and 10                | Development Matters – Reception Count objects, actions and sounds. Link the number symbol (numeral) with its cardinal number value.      |
|   |                        | Step 2 – Compare numbers to 10        | Development Matters - Reception - Compare numbers.   |
|   |                        | Step 3 – Represent 9 and 10           | Development Matters – Reception Count objects, actions and sounds. Link the number symbol (numeral) with its cardinal number value       |
| 8 |                        | Step 4 – Conceptual subitising to 10  | Development Matters – Reception – Subitise.  |
|   |                        | Step 5 – 1 more                       | Development Matters – Reception – Understand the 'one more   |
|   |                        |                                       | than/one less than' relationship between consecutive numbers.  |
|   |                        | Step 6 – 1 less                       | Development Matters – Reception – Understand the 'one more than/one less than' relationship between consecutive numbers.                 |

|    |             | Step 7 – composition to 10                 | Development Matters – Reception – Explore the composition                   |
|----|-------------|--|---|
|    |             |  | of numbers to 10.   |
| 9  |             | Step 8 – Bond to 10 (2 part)               | Development Matters – Reception – Automatically recall                      |
|    |             |  | number bonds for numbers 0–5 and some to 10.                                |
|    |             | Step 9 – Make arrangements of 10           | Development Matters – Reception – Automatically recall                      |
|    |             |  | number bonds for numbers 0–5 and some to 10.                                |
|    |             | Step 10 – Bonds to 10 (3 parts)            | Development Matters – Reception – Automatically recall                      |
|    |             |  | number bonds for numbers 0–5 and some to 10.                                |
|    |             | Step 11 – Doubles to 10 (find a double)    | Development Matters - Reception - Explore the composition                   |
| _  |             | 0, 40 B H + 40 / H + H )                   | of numbers to 10.   |
| 10 |             | Step 12 – Doubles to 10 (make a double)    | Development Matters – Reception – Explore the composition                   |
|    |             | Otan 40 Fundama arran and add              | of numbers to 10.   |
|    |             | Step 13 – Explore even and odd             | Development Matters – Reception – Explore the composition of numbers to 10. |
|    |             |  |   |
|    | Mass and    | Step 1 - Compare mass                      | Development Matters - Reception - Compare length, weight                    |
|    | capacity    | Otan O. Find a halanas                     | and capacity.   |
|    |             | Step 2 – Find a balance                    | Development Matters – Reception – Compare length, weight and capacity.      |
| 11 |             | Step 3 – Explore capacity                  | Development Matters – Reception – Compare length, weight                    |
| 11 |             | Step 3 – Explore capacity                  | and capacity.   |
|    |             | Step 4 – Compare capacity                  | Development Matters – Reception – Compare length, weight                    |
|    |             | Stop 1 Compare supusity                    | and capacity.   |
|    |             | Conso                                      | lidation  |
|    | Explore 3-D | Step 1 – Recognise and name 3-D shapes     | Development Matters - Reception - Select, rotate and                        |
|    | shape       |  | manipulate shapes to develop spatial reasoning skills.                      |
| 12 | •           | Step 2 – Find 2-D shapes within 3-D shapes | Development Matters - Reception - Compose and decompose                     |
|    |             |  | shapes so that children recognise a shape can have other                    |
|    |             |  | shapes within it, just as numbers can.                                      |
|    |             | Step 3 – Use 3-D shapes for tasks          | Development Matters - Reception   |
|    |             |  | Select, rotate and manipulate shapes to develop spatial                     |
|    |             |  | reasoning skills.   |
|    |             |  | Compose and decompose shapes so that children recognise                     |
|    |             |  | a shape can have other shapes within it, just as numbers can                |

|   |               | Step 4 – 3-D shapes in the environment       | Development Matters – 3 and 4-year-olds – Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'. |
|---|---------------|--|--|
|   |               | Step 5 – Identify more complex patterns      | Development Matters • 3 and 4-year-olds – Notice and correct an error in a repeating pattern. • Reception – Continue, copy and create repeating patterns.  |
| 1 |               | Step 6 – Copy and continue patterns          | Development Matters • 3 and 4-year-olds – Notice and correct an error in a repeating pattern. • Reception – Continue, copy and create repeating patterns.  |
|   |               | Step 7 – Patterns in the environment         | Development Matters – Reception – Continue, copy and create repeating patterns.  |
|   |               | Consoli                                      | dation   |
|   |               | Consoli                                      | dation   |
| 2 | To 20 and     | Step 1 – Build number beyond to 10 (10-13)   | Development Matters – Reception – Count beyond ten.  |
|   | beyond        | Step 2 – Continue patterns beyond 10 (10-13) | Development Matters - Reception - Count beyond ten.  |
|   |               | Step 3 – Build numbers beyond 10 (14-20)     | Development Matters - Reception - Count beyond ten.  |
|   |               | Step 4 – Continue patterns beyond 10 (14-20) | Development Matters – Reception – Count beyond ten.  |
| 3 |               | Step 5 – Verbal counting beyond 20           | Development Matters - Reception - Count beyond ten.  |
|   |               | Step 6 – Verbal counting patterns            | Development Matters – Reception – Count beyond ten.  |
|   | How many now? | Step 1 – Add more                            | Development Matters – Reception – Automatically recall number bonds for numbers 0–5 and some to 10.  |
|   | 110W !        | Step 2 – How many did I add?                 | Development Matters - Reception - Automatically recall   |
|   |               | Otop 2 – How many did radd:                  | number bonds for numbers 0–5 and some to 10.   |
| 4 |               | Step 3 – Take away                           | Development Matters - Reception - Automatically recall   |
| - |               | ,  | number bonds for numbers 0–5 and some to 10.   |
|   |               | Step 4 – How many did I take away?           | Development Matters - Reception - Automatically recall   |
|   |               |  | number bonds for numbers 0–5 and some to 10.   |
|   |               | Consoli                                      | dation   |

|   | Manipulate,      | Step 1 – Select shapes for purpose            | Development Matters - Reception - Select, rotate and        |
|---|------------------|---|---|
|   | compose and      |   | manipulate shapes to develop spatial reasoning skills.      |
| 5 | decompose        | Step 2 – Rotate shapes                        | Development Matters - Reception - Select, rotate and        |
|   |                  |   | manipulate shapes to develop spatial reasoning skills.      |
|   |                  | Step 3 – Manipulate shapes                    | Development Matters - Reception - Select, rotate and        |
|   |                  |   | manipulate shapes to develop spatial reasoning skills.      |
|   |                  | Step 4 – Explain shape arrangement            | Development Matters - Reception - Select, rotate and        |
|   |                  |   | manipulate shapes to develop spatial reasoning skills       |
|   |                  | Step 5 – Compose shapes                       | Development Matters - Reception - Compose and decompose     |
|   |                  |   | shapes so that children recognise a shape can have other    |
|   |                  |   | shapes within it, just as numbers can.                      |
| 6 |                  | Step 6 – Decompose shapes                     | Development Matters - Reception - Compose and decompose     |
|   |                  | <u> </u>                                      | shapes so that children recognise a shape can have other    |
|   |                  |   | shapes within it, just as numbers can.                      |
|   |                  | Step 7 – Copy 2-D shape pictures              | Development Matters - Reception - Select, rotate and        |
|   |                  | ' ' '   | manipulate shapes to develop spatial reasoning skills.      |
|   |                  | Step 8 – Find 2-D shapes within 3-D shapes    | Development Matters - Reception - Compose and decompose     |
|   |                  | <u> </u>                                      | shapes so that children recognise a shape can have other    |
|   |                  |   | shapes within it, just as numbers can.                      |
|   | Sharing and      | Step 1 – Explore Sharing                      | Development Matters - Reception Compare numbers. Explore    |
|   | grouping         |   | the composition of numbers to 10.                           |
| 7 |                  | Step 2 - Sharing                              | Development Matters - Reception Compare numbers. Explore    |
|   |                  |   | the composition of numbers to 10.                           |
|   |                  | Step 3 – Explore grouping                     | Development Matters - Reception Compare numbers. Explore    |
|   |                  |   | the composition of numbers to 10.                           |
|   |                  | Step 4 – Grouping                             | Development Matters - Reception Compare numbers. Explore    |
|   |                  |   | the composition of numbers to 10.                           |
|   |                  | Step 5 – Even and odd sharing                 | Development Matters - Reception Compare numbers. Explore    |
|   |                  | j .   | the composition of numbers to 10.                           |
| 8 |                  | Step 6 – Play with and build doubles          | Development Matters - Reception - Automatically recall      |
|   |                  | ' '   | number bonds for numbers 0–5 and some to 10.                |
|   | Visualise,       | Step 1 – Identify units of repeating patterns | Development Matters - Reception - Continue, copy and create |
|   | build and map    | ] ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '       | repeating patterns.   |
|   | bullu allu illap |   | Trepeating patterns.  |

|               |               | Step 2 – Create own pattern rules                     | Development Matters - Reception - Continue, copy and create        |
|---------------|---------------|---|--|
|               |               | <u> </u>  |  |
|               |               | 0, 0, 5, 1, 1, 1,                                     | repeating patterns.  |
|               |               | Step 3 – Explore own pattern rules                    | Development Matters - Reception - Continue, copy and create        |
|               |               |   | repeating patterns.  |
| 9             |               | Step 4 – Replicate and build scenes and constructions | Development Matters – 3 and 4-year-olds Discuss routes and         |
|               |               |   | locations, using words like 'in front of' and 'behind'.            |
|               |               | Step 5 – Visualise from different positions           | Development Matters - 3 and 4-year-olds Describe a familiar        |
|               |               |   | route. Discuss routes and locations, using words like 'in front    |
|               |               |   | of' and 'behind'.  |
|               |               | Step 6 – Describe positions                           | Development Matters - 3 and 4-year-olds Understand position        |
|               |               | ·   | through words alone – for example, "The bag is under the           |
|               |               |   | table," – with no pointing. Describe a familiar route. Discuss     |
|               |               |   | routes and locations, using words like 'in front of' and 'behind'  |
|               |               | Step 7 – Give instructions to build                   | Development Matters - 3 and 4-year-olds - Understand               |
|               |               | '   | position through words alone – for example, "The bag is under      |
|               |               |   | the table," – with no pointing.                                    |
| 10            |               | Step 8 – Explore mapping                              | Development Matters – 3 and 4-year-olds Understand position        |
|               |               | 1 1 11 3  | through words alone – for example, "The bag is under the           |
|               |               |   | table," – with no pointing. Describe a familiar route. Discuss     |
|               |               |   | routes and locations, using words like 'in front of' and 'behind'. |
|               |               | Step 9 – Represent maps with models                   | Development Matters – 3 and 4-year-olds Understand position        |
|               |               |   | through words alone – for example, "The bag is under the           |
|               |               |   | table," – with no pointing. Describe a familiar route. Discuss     |
|               |               |   | routes and locations, using words like 'in front of' and 'behind'. |
|               |               | Step 10 – Create own maps from familiar places        | Development Matters – 3 and 4-year-olds Describe a familiar        |
|               |               | Stop 10 Groate SWITTINGPORTATION FIGURES              | route. Discuss routes and locations, using words like 'in front    |
|               |               |   | of' and 'behind'. Begin to describe a sequence of events, real     |
|               |               |   | or fictional, using words such as 'first', 'then'                  |
|               | Make          | Ston 1 Dognon understanding                           | or notional, doing words such as mor, morn                         |
|               |               | Step 1 – Deepen understanding                         |  |
| 11            | connections   | Step 2 – Pattern and relationships                    |  |
| Consolidation |               |   |  |
|               | Consolidation |   |  |

|    | Consolidation |
|----|---------------|
| 12 | Consolidation |
|    | Consolidation |
|    | Consolidation |
|    | Consolidation |