

CTK Reception Maths Long Term Plan
(Combining Master the Curriculum and PowerMaths Units to aid transition from Nursery – Reception and Reception – Year 1)

Autumn Term

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
|--|---|---|--|---|---|--|---|--|--|--|---|--|--|
| Master the Curriculum | | | | | | | | | | PowerMaths | | Master the Curriculum | |
| Getting to know you and Baseline | | | Patterns | | | Numbers 1,2,3,4,5 | | | | 3D shapes | 2D shapes | | |
| Castle number assessment to 25 How old are you Maths about me Favourite animal and count Colour favourite pet Count the pets Colour and count favourite fruit Match fruits Make a pattern with favourite colours | Favourite book – focus on Goldilocks activities Colour and count the characters – ten frame Colour by number How many can you see? Count how many Colour favourite character and count Puzzle number strips Patterns | Favourite nursery rhymes- focus on Humpty Dumpty Positional language and sequence Sequencing day Sequence Humpty Dumpty Favourite meals and sequencing Humpty Dumpty Number game | Identify matching buttons Identify matching socks Describe size and shapes of lids Sorting buttons in groups Collecting natural material and sorting | Match sizes Compare – more and fewer Compare taller and shorter Compare longer shorter Capacity using boxes | AB Patterns with natural objects AB Patterns with household items AB shape patterns Spot the mistake in repeated pattern Patterns using body and movement | Number 1 Number 2 Number 3 Number 1,2,3 Sorting objects and subitising Number 1,2,3 Memory game | Sorting 1,2,3 Sorting 1,2,3 – dominoes Matching pictures to the numerals 1,2,3 Find 1 more and 1 less Composition of 3 | Number 4 Number 5 Number 4 and 5 Composition of 4 Composition of 5 | Composition of 4 and 5 Cube shapes with 4 and 5 Finding 1 more to a number Finding 1 less 1 more and 1 less | Exploring properties of every day shapes. Describing 3D shapes using their common properties Exploring, describing and comparing the properties of 3D shapes Similarities and differences between 3D shapes Reflecting on the properties of 3D shapes and applying sorting rules | Exploring properties of everyday shapes Naming 2D shapes Identifying 2D shapes and describing similarities and differences Identifying 2D shapes within 3D shapes Identifying 2D shapes in different contexts | Sorting shapes – triangles and circles Make shape pictures using triangles and circles Circles and triangles with real life objects. Positional language – where’s teddy? | Sorting rectangles and squares Shape hunt Rectangles and squares Day and night Sequencing events Positional language – obstacle course |

| Spring Term | | | | | | | | | | | | | |
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| Master the Curriculum | | | | | | | | PowerMaths | | | | | |
| Alive in 5 | | Growing 6,7,8 | | | Building 9 & 10 | | | Volume and Capacity | | | | | |
| One Less Zero Composition of 5 Composition of 5 Equal and unequal group | Composition of numbers How many altogether? Composition of numbers – 3 groups How many are hiding? (animals) How many are hiding | Representing 6 Making 7 Making 8 Matching 6,7,8. One more and one less | Matching 6, 7 8 Making pairs Combining 2 groups Combining 2 groups Adding more | Comparing height Comparing length Days of the week Measuring height Measuring time | Representing 9 and 10 Sorting 9 and 10 in different ways Order numbers to 10 Composition of 9 and 10 Bingo – Numbers to 10 | Counting backwards from 10 Comparing within 10 Comparing numbers within 10 Making 10 Making 10 | Building 9 and 10 Matching 3D Shapes Real life objects Making 3D Prints Patterns Movement Patterns | Understanding that volume can be measured in cups Recognising when a container is full Comparing volume by identifying the more and less full of two identical containers Comparing the capacity of containers of different sizes and shapes Using non-standard units to measure capacity | | | | | |

| Summer Term | | | | | | | | | | | | | |
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| PowerMaths | Master the Curriculum | | | | | | | | | | | | |
| Numbers to 20 | To 20 and Beyond | | | First then and Now | | | Find my Pattern | | | On the Move | | | |
| Counting beyond 10 | Number Patterns | Missing Numbers | Find my match – shapes | Counting On | Take Away with Pebbles | Making new shapes – Triangles | Doubles | Sharing | Even and Odd | Harry and his bucketful of dinosaurs – adding and subtracting | Cuisenaire Rods – Comparing lengths | Making maps | |
| Counting to 20 using tens frames | Matching Pictures to numerals | Ordering Numerals to 20 | Find my match – Models | Adding More | Take Away | Making new shapes – Squares | Doubling | Picnic – Sharing | One Odd Day | | | Journey to school | |
| One more and one less (being flexible with numbers 11–20) | Ten frame fill | Race to 20 | Match and fill | Adding More | Take Away Unknown Then | Grandpa’s Quilt | Double Dice game | More people! | Even and Odd (2) | Mr Gumpy’s Outing – Composition of number | Cuisenaire Rods – Staircase | Obstacle course | |
| Comparing numbers to 20 | Estimating | Bingo | Replicate my shape | Adding Unknown Then | Pass it on | Tangrams Pattern Block | Double Barrier Game | Grouping (1) | Match – Barrier Game | How many Legs? Problem solving | Bean bag game – Composition of number and number bonds | X marks the spot | |
| | Ten frame subtraction | Which holds the most? | Tangrams | Adding Unknown First | | | Double Dominoes | Grouping (2) | How Many Cubes | Making Boats Problem solving, how many marbles can the boat hold? | Patterns | Designing mazes | |
| | | | | | | | | | | Building Bridges – Which bridge is the longest? | Patterns | | |