Christ the Sower Primary School
Maths Small Steps – Year R

Autumn Term

Match, sort & compare

Step 1 Match objects
Step 2 Match pictures and objects
Step 3 Identify a set
Step 4 Sort objects to a type
Step 5 Explore sorting techniques
Step 6 Create sorting rules
Step 7 Compare amounts

Talk about measure & pattern

Step 1 Compare size
Step 2 Compare mass
Step 3 Compare capacity
Step 4 Explore simple patterns
Step 5 Copy and continue simple patterns
Step 6 Create simple patterns

It's me 1, 2, 3

Step 1 Find 1, 2 and 3
Step 2 Subitise 1, 2 and 3
Step 3 Represent 1, 2 and 3
Step 4 1 more
Step 5 1 less
Step 6 Composition of 1, 2 and 3

Circles & triangles

Step 1 Identify and name circles and triangles
Step 2 Compare circles and triangles
Step 3 Shapes in the environment
Step 4 Describe position

1, 2, 3, 4, 5

Step 1 Find 4 and 5
Step 2 Subitise 4 and 5
Step 3 Represent 4 and 5
Step 4 1 more
Step 5 1 less
Step 6 Composition of 4 and 5
Step 7 Composition of 1–5

Shapes with 4 sides

Step 1 Identify and name shapes with 4 sides
Step 2 Combine shapes with 4 sides
Step 3 Shapes in the environment
Step 4 My day and night

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Spring Term

Alive in 5

Step 1 Introduce zero
Step 2 Find 0 to 5
Step 3 Subitise 0 to 5
Step 4 Represent 0 to 5
Step 5 1 more
Step 6 1 less
Step 7 Composition
Step 8 Conceptual subitising to 5

Mass & capacity

Step 1 Compare mass
Step 2 Find a balance
Step 3 Explore capacity
Step 4 Compare capacity

Growing 6, 7, 8

Step 1 Find 6, 7 and 8
Step 2 Represent 6, 7 and 8
Step 3 1 more
Step 4 1 less
Step 5 Composition of 6, 7 and 8
Step 6 Make pairs – odd and even
Step 7 Double to 8 (find a double)
Step 8 Double to 8 (make a double)
Step 9 Combine two groups
Step 10 Conceptual subitising

Length, height & time

Step 1 Explore length
Step 2 Compare length
Step 3 Explore height
Step 4 Compare height
Step 5 Talk about time
Step 6 Order and sequence time

Building 9 & 10

Step 1 Find 9 and 10
Step 2 Compare numbers to 10
Step 3 Represent 9 and 10
Step 4 Conceptual subitising to 10
Step 5 1 more
Step 6 1 less
Step 7 Composition to 10
Step 8 Bonds to 10 (2 parts)
Step 9 Make arrangements of 10
Step 10 Bonds to 10 (3 parts)
Step 11 Doubles to 10 (find a double)
Step 12 Doubles to 10 (make a double)
Step 13 Explore even and odd

Explore 3-D shapes

Step 1 Recognise and name 3-D shapes
Step 2 Find 2-D shapes within 3-D shapes
Step 3 Use 3-D shapes for tasks
Step 4 3-D shapes in the environment
Step 5 Identify more complex patterns
Step 6 Copy and continue patterns
Step 7 Patterns in the environment

Summer Term

To 20 & beyond

Step 1 Build numbers beyond 10 (10–13)
Step 2 Continue patterns beyond 10 (10–13)
Step 3 Build numbers beyond 10 (14–20)
Step 4 Continue patterns beyond 10 (14–20)
Step 5 Verbal counting beyond 20
Step 6 Verbal counting patterns

How many now?

Step 1 Add more
Step 2 How many did I add?
Step 3 Take away
Step 4 How many did I take away?

Manipulate, compose and decompose

Step 1 Select shapes for a purpose
Step 2 Rotate shapes
Step 3 Manipulate shapes
Step 4 Explain shape arrangements
Step 5 Compose shapes
Step 6 Decompose shapes
Step 7 Copy 2-D shape pictures
Step 8 Find 2-D shapes within 3-D shapes

Sharing & grouping

Step 1 Explore sharing
Step 2 Sharing
Step 3 Explore grouping
Step 4 Grouping
Step 5 Even and odd sharing
Step 6 Play with and build doubles

Visualise, build & map

Step 1 Identify units of repeating patterns
Step 2 Create own pattern rules
Step 3 Explore own pattern rules
Step 4 Replicate and build scenes and constructions
Step 5 Visualise from different positions
Step 6 Describe positions
Step 7 Give instructions to build
Step 8 Explore mapping
Step 9 Represent maps with models
Step 10 Create own maps from familiar places
Step 11 Create own maps and plans from story situations

Make connections

Step 1 Deepen understanding
Step 2 Patterns and relationships