



Crosby Primary School

Curriculum

Bt5M – Range 5

- Compares two small groups of up to five objects, saying when there are the same number of objects in each group.

Bt5M – Range 6

- Spots patterns in the environment, beginning to identify the pattern “rule”

DM Rec

- Compare numbers.

Rationale

Matching is a simple form of sorting and the beginning of logical thinking. Children learn 1-1 correspondence, and begin to look at representation. Sets is a precursor to counting. It is the basis of cardinality and 1-1 correspondence.

Planning Links

White Rose:

<https://assets.whiteroseeducation.com/Resources/early-years/reception/autumn-block-1/Reception%20Autumn%20Block%201%20Match%20ort%20and%20compare%20SOL.pdf>

NCETM: <https://www.ncetm.org.uk/in-the-classroom/early-years/>

BBC Number Blocks:

<https://www.bbc.co.uk/cbeebies/shows/numberblocks>

Early Math Collaborative:

<https://earlymath.erikson.edu/>

NRICH

<https://nrich.maths.org/early-years>

Learning Trajectories (L2)

<https://www.learningtrajectories.org/>

HWB Wales

<https://hwb.gov.wales/repository/discovery?sort=recent&catalogs=1d058d90-af42-4ce4-bbf2-ba794a95aa55&strict=1>

Mathematics Medium Term Plan F2 Autumn Term

Concept Sequence

- Match objects - provide opportunities for children to match objects which are the same, recognise attributes. Use language same/different to see objects that don't match.
- Match pictures and objects – move to match pictures with pictures.
- Identify a set – encourage seeing groups of objects as sets. Model making sets. Make deliberate mistakes for children to correct eg. setting a table.
- Sort objects to a type - collections can be sorted based on attributes such as colour, size or shape. Consider what is the same/different. Use lining up times. Collect Autumn leaves/seeds. Tidy up time.
- Explore sorting techniques - encourage children to make their own criteria for sorting. Sort in different ways.
- Create sorting rules – Play ‘Guess my rule’.
- Compare amounts – compare and order. Sets can have more, same, fewer. Easier when the difference in sets is greater. Begin to line up using 1-1 correspondence to see which line is longer (five frame to help).



Unit 1 Match, Sort and Compare (2 Weeks)

Vocabulary

Same/different

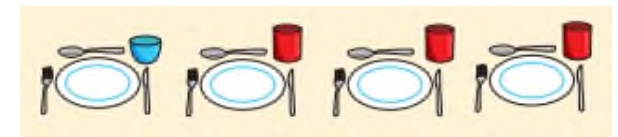
More/fewer

Stack, roll, shape, large, small

Big, little, large, small, long, tall, short.

More than, fewer than

Equal to, the same as



Resources

Real-life object collections – variety of colour, size, shape and texture

Buttons – different number of holes

Plastic crockery and cutlery

Picture cards, five frame.

Hoops for sets.

Key books

- *A Pair of Socks* by Stuart J. Murphy
- *Seaweed Soup* by Stuart J. Murphy
- *The Button Box* by Margarette S. Reid
- *Beep Beep, Vroom Vroom!* by Stuart J. Murphy

