



Crosby Primary School

Mathematics Medium Term Plan F2 Autumn Term

Unit 2 Talk about Measures and Patterns (2 Weeks)

Curriculum

Bt5M – Range 4

- Explores differences in size, length, weight and capacity.

Bt5M – Range 5

- Explores and adds to simple linear patterns of two or three repeating items.
- Joins in with simple patterns in sounds, objects, games and stories, dance and movement, predicting what comes next.
- Creates their own spatial patterns showing some organisation or regularity.
- In meaningful contexts, finds the longer or shorter, heavier or lighter and more/less full of two items.

DM-3-4 yrs

- Make comparisons between objects relating to size, length, weight and capacity.
- Talk about and identify the patterns around them.

DM-Rec

- Continue, copy and create repeating patterns.

Concept Sequence:

- Compare size - compare according to size a range of classroom objects. Compare.
- Compare mass – introduce/model balance scales. Explore large objects that are light and small objects that are heavy.
- Compare Capacity – explore different containers and boxes. Fill different containers in the water area. Which holds the least/most?
- Explore simple patterns – explore simple examples to develop understanding of the word and concept. Look for patterns in the environment eg. spots, stripes, checks.
- Copy and continue simple patterns -AB patterns. My turn/your turn activities. Ensure three full units ABABAB. Look at horizontal/vertical patterns.
- Create simple patterns – use AB patterns – use a range of shapes, colours, actions and sounds. Spot errors in AB patterns – fix the problem.



Planning Links

White Rose:

<https://assets.whiteroseeducation.com/Resources/early-years/reception/autumn-block-2/Reception%20Autumn%20Block%20%20Talk%20about%20measure%20and%20pattern%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>



Resources

- Real-life object collection eg. conkers/cones
- Object collections eg. buttons, cubes
- Picture cards, five frame
- Egg boxes, Boxes/containers
- Balance scales
- Capacity containers



Rhymes – Big Fish Little Fish, Cardboard Box

Clap your hands and wiggle your fingers

In and out the dusty bluebells

Tongue twister patterns – Red lorry, yellow lorry

Key books

- *Where's My Teddy?* by Jez Alborough
- *It's the Bear!* by Jez Alborough
- *The Blue Balloon* by Mick Inkpen
- *Dear Zoo* by Rod Campbell
- *My First Book of Patterns* by Bobby and June George
- *We're Going on a Bear Hunt* by Michael Rosen
- *A-B-A-B-A – A Book of Pattern Play* by Brian P. Cleary

Vocabulary

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

Heavy, light, least, most, full, empty

More than, fewer than

Equal to, the same as

Repeat, pattern



