



Crosby Primary School

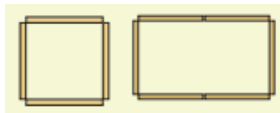
Mathematics Medium Term Plan F2 Autumn Term

Unit 6 Shapes with four sides (1 Week)

Curriculum

DM 3-4y

- Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language.
- Begin to describe a sequence of events, real or fictional, using words such as first/then...



DM Rec.

- Compose and decompose shapes so that children recognize a shape can have other shapes within it, just as numbers can.

Bt5M – Range 5

- Enjoys partitioning and combining shapes to make new shapes with 2D and 3D shapes.

Bt5M – Range 6

- Uses informal language and analogies (eg. heart-shaped and hand-shaped leaves), as well as mathematical terms to describe shapes.
- Increasingly able to order and sequence events using everyday language related to time.

Concept Sequence:

- **Identify and name shapes with four sides** – reinforce number 4. notice squares and rectangles and begin to describe properties. Use language such as sides, straight, corners. Note square is a special type of rectangle where all four sides are equal in length. Show different sizes, orientations and representations.
- **Combine shapes with four sides** – make new shapes eg. two rectangles may make a large rectangle or square. Fold shapes and predict.
- **Shapes in the environment** – use examples of almost shapes (eg. cream crackers) and discuss why not.
- **Night and Day (Time)** – use correct language when discussing daily routine. Count how many sleeps to the weekend/events. Sequence events. Reinforce 5 for school days. Use timers to measure.



Planning Links

White Rose:

<https://assets.whiteroseeducation.com/Resources/early-years/reception/autumn-block-6/Reception%20Autumn%20Block%206%20Shapes%20with%204%20sides%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

Shapes, straws, lego

Hoops (for sets), images, washing line

Calendar, timers

Rhymes - This is the way we brush our teeth



Key books

- *Bear in a Square* by Stella Blackstone
- *Square* by Mac Barnett and Jon Klassen
- *Shapes, Shapes, Shapes* by Tana Hoban
- *Night Monkey, Day Monkey* by Julia Donaldson
- *The Fox in the Dark* by Alison Green

Vocabulary

Shape, squares, rectangles, corners, sides, straight same/different, almost

Day, night, morning, afternoon, before, after, today, tomorrow

Time, calendar, Days of the Week

First, then, now, before, later, soon, after, next, lunchtime,

bedtime

fastest/slowest



