



## Crosby Primary School

## Mathematics Medium Term Plan F2 Autumn Term

## Unit 4 Circles and Triangles (1 Week)

### Curriculum

#### DM 3-4yrs

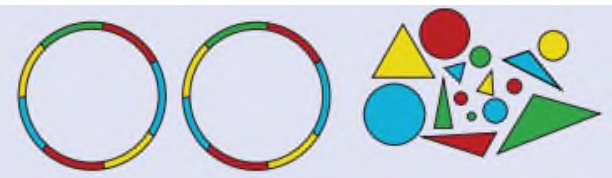
- Talk about and explore 2D and 3D shapes (for example circles, rectangles, triangles and cuboids) using informal and formal language
- Describe a familiar route
- Discuss routes and locations using words like 'in front of' and 'behind'

#### Bt5M – Range 6

- Use informal language and analogies (eg. heart-shaped and hand-shaped leavers), as well as mathematical terms to describe shapes.

#### Bt5M – Range 5

- Responds to and uses language of position and direction



### Concept Sequence:

- **Identify and name circles and triangles** – notice shapes around them and begin to describe properties. Use informal language – pointy, sharp. Introduce mathematical language: sides, straight, corners, round. Triangles are flat shapes with 3 straight sides and 3 corners; circles are flat shapes which are round. Use thin shapes so not to confuse with 3D shapes. Sort sets.
- **Compare circles and triangles** – compare shapes. Use the language of size. Show circles of different sizes and triangles of different types/size/ orientation. Introduce non-examples including 'almost' (eg. slice of pizza). Discuss why not examples. Build and print examples.
- **Shapes in the environment** - Recognise these shapes on everyday items in/out of the classroom. Look for 'almost' examples.
- **Describe position** - hear and begin to use positional language to describe how items are positioned in relation to other items. Build like-sized journeys outdoors and travel through them. Represent real places with models, drawings or maps. Make references in tidy up time.



### Planning Links

White Rose:

<https://assets.whiteroseeducation.com/Resources/early-years/reception/autumn-block-4/Reception%20Autumn%20Block%204%20Circles%20and%20triangles%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)

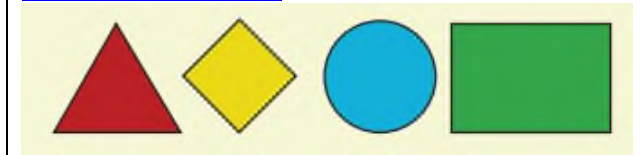
<https://www.learningtrajectories.org/>

HWB Wales

[http://resources.hwb.wales.gov.uk/VTC/story\\_of\\_1/eng/Introduction/default.htm](http://resources.hwb.wales.gov.uk/VTC/story_of_1/eng/Introduction/default.htm)

[http://resources.hwb.wales.gov.uk/VTC/story\\_of\\_2/eng/Introduction/default.htm](http://resources.hwb.wales.gov.uk/VTC/story_of_2/eng/Introduction/default.htm)

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



### Resources

- Shapes
- Counters
- Loose parts - bottle tops, lids, sticks, planks, ropes
- Hoops etc for sets/mystery box/feely bag



**Rhymes** – My hat it has three corners

### Key books

- *Circle, Triangle, Elephant! A Book of Shapes and Surprises* by Kenji Oikawa and Mayuko Takeuchi
- *Triangle* by Mac Barnett and Jon Klassen
- *Shapes, Shapes, Shapes* by Tana Hoban
- *We're Going on a Bear Hunt* by Michael Rosen
- *Rosie's Walk* by Pat Hutchins

### Vocabulary

Circle, triangle, round, flat, sides, corners, straight, curved, almost In, on, under, beside, between, In front, around, through, behind, next to, over, above, inside, below, opposite, back, front, middle, edge, left, right, up, down, forwards, backwards, sideways, across, close, near, far, along, to, towards, slide, roll, turn, stretch, bend



