

Year group: Reception Development Matters - 3 and 4-year-olds - Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language. Birth to 5 Matters – Range 6 – Uses informal language and analogies, (e.g. heart-shaped and hand-shaped leaves), as well as mathematical terms to describe shapes Development Matters - Reception - Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can. Birth to 5 Matters - Range 5 - Enjoys partitioning and combining shapes to make new shapes with 2D and 3D shapes Development Matters - Reception - 3 and 4-year-olds - Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language. Birth to 5 Matters - Range 5 - Shows awareness of shape similarities and differences between objects. Development Matters - 3 and 4-year-olds - Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...' Birth to 5 Matters - Range 6 - Is increasingly able to order and sequence events using

Area/topic: Mathematics- shapes with 4 sides

everyday language related to time.

Prior Jearning	Future learning
Children completed a block earlier this half term	children will use and aplly this knowledge within
where they spent time studying circles and	their daily maths meeting. They will also be
triangles	introduced to 3D shapes next term.

What pupils need to know or do to be secure		
Key knowledge and skills	Possible evidence	
Identify and name shapes with 4 sides	Provide opportunities where you have hidden a range of squares, rectangles, circles and triangles for children to find. Prompt them to find, identify and name the shapes.	
Cambine shapes with 4 sides	Children's printing work where they have used plastic bricks and paint and printed these	
Shapes in the environment	Children's completed work where they have been given a selection of real-life scenes such as buildings or street scenes and the children have had to find the squares and rectangles in the pictures.	
My day and night	Continue to share the daily visual timetable and discuss that at regular points throughout each school day.	

Key vocabulary	
Squares, rectangles, sides, straight, corners, same,	
different, small, large, first, then, after, before, day,	
night, morning, afternoon, today, tomorrow, now,	
next, later,	
Common misconceptions	Books linking to this area
When using physical representations of 2-D shapes, ensure that they are as thin as possible to support	Bear in a Square by Stella Blackstone
children's understanding that 2-D shapes are completely	Square by Mac Barnett and Jon Klassen
flat.	Shapes, Shapes, Shapes by Tana Hoban
As in earlier blocks, there will be examples of 'almost'	Night Monkey, Day Monkey by Julia
shapes in the environment. It is important to discuss with	Donaldson
children why cream crackers, for example, are not square	
	The Fox in the Dark by Alison Green
Memorable first hand experiences	Opportunities for communication
Many opportunities to play games. Regular use of a	Ask and discuss the key questions
range of manipulatives, loose parts, natural objects etc.	provided by White Rose
	Discuss, share and repeat the sentence
	stems provided by White Rose

DCINS Reasonable adjustments for pupils with SEND

Communication and Interaction	Cognition and Learning
Use a range of visual aids	Check understanding regularly
Give clear instructions one at a time	Allow rest breaks
Repetition	Give thinking time
Provide simple instructions Pre teach vocabulary	Colour code signs that could be confusing Work checklists
Use working wall where modelling is displayed	Break down tasks into small steps
Give children thinking time Model task	Give opportunities for over-learning
Social, Emotional and Mental health	Sensory and Physical
Allow access to a quiet and calm space	Consider carpet space position
Give child a special role to increase self esteem	Reduce background noise
Provide a visual support-what to do if you are	Provide a range of manipulatives- dienes may be
stuck	too small
Provide a movement break	Appropriate seating
Seat pupil by more confident peer	Wobble boards
Now and rext board	Writing slope
Sand timers	Enlarge text
Movement breaks	Variety of writing tools available
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