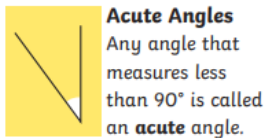


Cecil Road Nursery and Primary School
Year 6 Term 5, 2024-2025

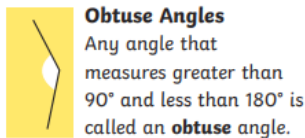
This term in Year 6, we will learn about shape and geometry before consolidating our previous learning. Within shape, children will explore how to measure and classify different angles and recognise angles in triangles, quadrilaterals, circles and polygons. During our second unit of position and direction, children will be taught how to read the four quadrants and practice translations and reflections.

Shape

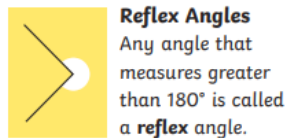
Acute Angles
Any angle that measures less than 90° is called an **acute** angle.



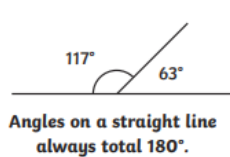
Obtuse Angles
Any angle that measures greater than 90° and less than 180° is called an **obtuse** angle.



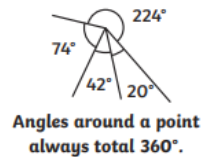
Reflex Angles
Any angle that measures greater than 180° is called a **reflex** angle.



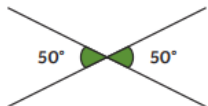
Calculating Angles



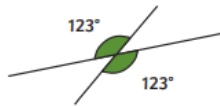
Angles on a straight line always total 180° .



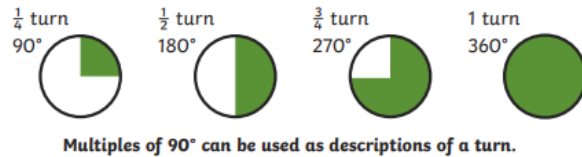
Angles around a point always total 360° .



Vertically opposite angles are formed when two straight lines cross. Opposite angles that share a vertex are equal.

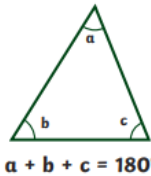


$\frac{1}{4}$ turn 90° $\frac{1}{2}$ turn 180° $\frac{3}{4}$ turn 270° 1 turn 360°

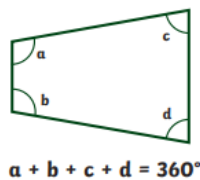


Multiples of 90° can be used as descriptions of a turn.

Angles in a Triangle



$a + b + c = 180^\circ$



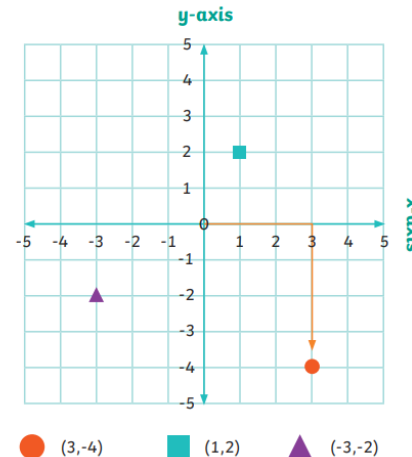
$a + b + c + d = 360^\circ$

twinkl

Position and direction

Four Quadrants

Coordinates can use positive and negative numbers. Whether positive or negative, the x-axis coordinate is written first, followed by the y-axis coordinate.

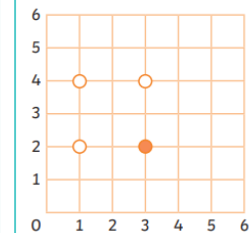


Look at the circle. It is 3 units along the x-axis and 4 down the y-axis. Its coordinates are (3,-4).

Completing Shapes

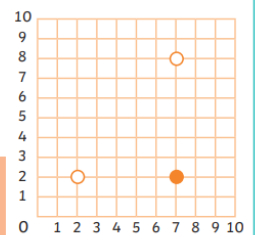
Using the properties of a shape, a polygon can be completed on a grid.

To make a square, think of the square's properties.



All of a square's sides are the same length. If the completed sides are 2 units in length, the missing point must complete two more sides of 2 units.

To make a right-angled triangle, think of the triangle's properties.



A right-angled triangle should have three sides with one 90° angle.

In English our main writing genres will be looking at narrative writing and comparative viewpoints.

Spelling: We continue to follow the year 5 and 6 key words using RWI spelling and Doodle to help support learning at home.

Guided Reading: This term we will be reading 'Orphans of the Tide', we think the children will really enjoy the depth of this narrative. It is the story of orphan Ellie Lancaster, entirely alone on the world following the death of her mother, father and younger brother, as she battles to prove the innocence of a young boy who washes up on the shores of her city in the belly of a whale.

Writing Genre:	Fiction	Narrative	Non-fiction
Work:	Narrative	Viewpoint	Newspaper Report
Main skills covered	<ul style="list-style-type: none"> • Use figurative language to describe characters & setting • Use varied sentence lengths and structures • Balance speech with action • Use EAST to support writing • Include adverbials to create cohesion within the story • Show not tell 	<ul style="list-style-type: none"> • Use of informal language • Written in the past tense and usually written in chronological order (in time order) • Including thoughts and feelings (how can you show not tell?) • Takes accounts of others points of view on a given event 	<ul style="list-style-type: none"> • Include Headline and Byline • Use indirect and direct speech • Use adverbials to ensure cohesion throughout • Include journalistic language (witnesses were amazed....)
Ways to help at home:	<p>Ask your children about the many different skills they can use for figurative language(ENP's, similes, metaphors, personification, etc), could they write a sentence describing their setting using one of these? What speech could they use to help move their story forward?</p>	<p>Discuss how many stories have been written from people's viewpoints and how if this viewpoint was changed to another character the story would also change.</p>	<p>Discuss with the children the audience for their newspaper report, and how they will need to write it for this audience. Check their understanding of fact and opinion, they should remember fact is the important one when writing reports.</p>

Other Subjects: In Geography we will be carrying out field work enquiries involves posing questions about geographical concepts, gathering data, analysing the results and reaching conclusions. In Science we are investigating 'Light', thinking about reflections, refraction and how light travels. In PSHE our unit is all about change and growing up - we will also have a worries and transition workshop in the term. RE is about being a sikh in the community where we will reflect on our learning throughout primary and explore this further. In Design Technology we will be designing and making mechanical toys.