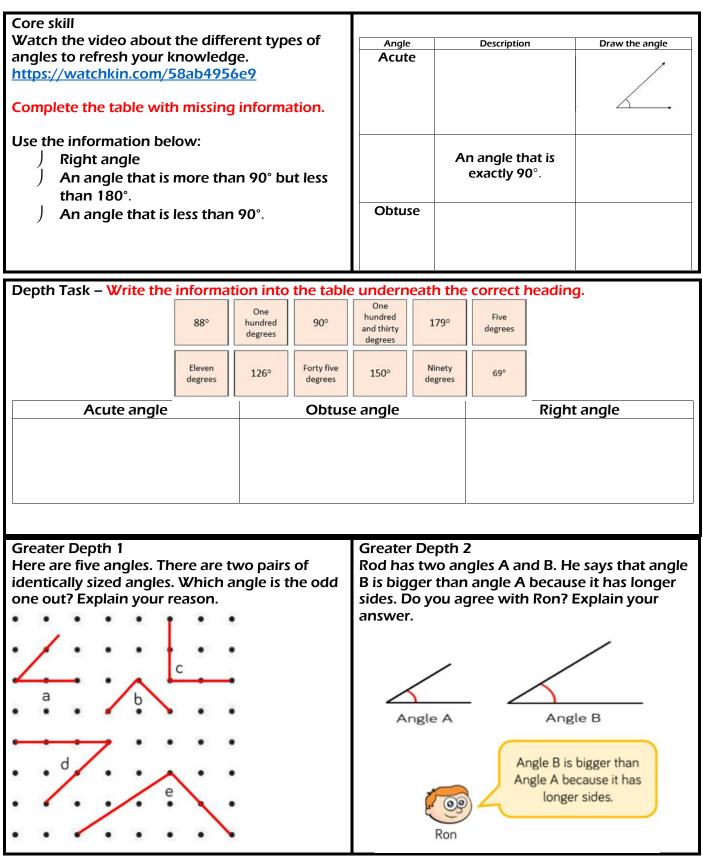
<u>Activity 1</u>

LO: To identify and compare the different angles.



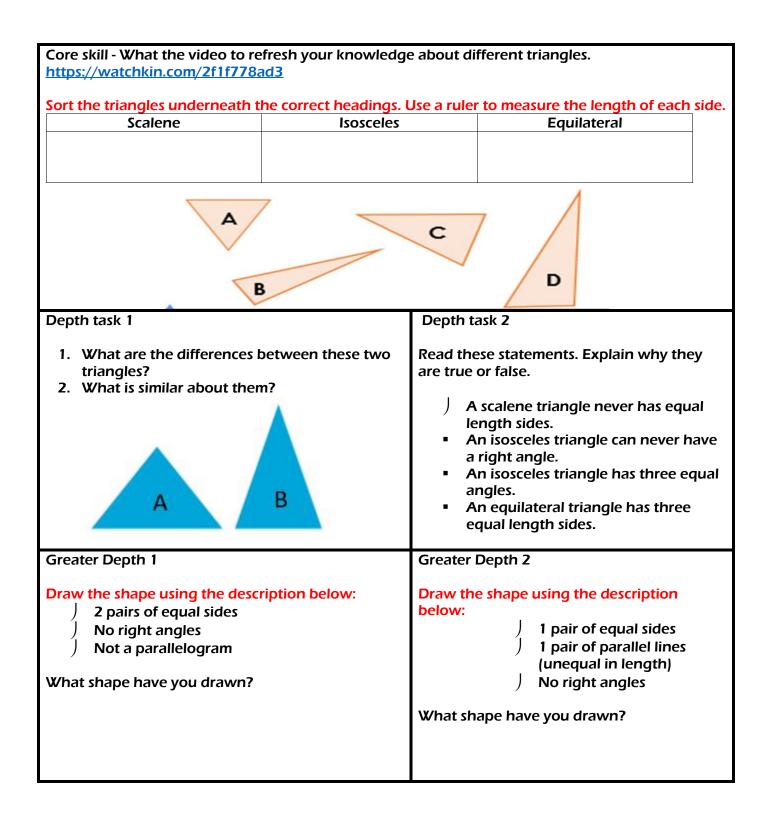


LO: To compare and classify quadrilaterals based on their properties and sizes.

	quadrilaterals using the wo	Word bank				
	help you identify the quadr	Dhambur				
https://watchkin.com	<u>n/c06a55016b</u>			Rhombus		
\land			Js	Square		
) Parallelogram) Rectangle) Trapezium				
Write the properties	for these 5 quadrilaterals in	nto vour book.				
Parallel lines are line	s that never meet. Watch t		yourself o	f the vocabulary.		
https://watchkin.com						
Name Rhombus	Types of angles	Parallel line	S	Equal sides		
Kiloliibus						
Square						
Parallelogram						
Rectangle						
Trapezium						
Depth Task	out these two shapes and v	what is different?				
what is the same ap	but these two shapes and t					
	<					
	×					
Graatar Dooth 1		Crostor D	oth 2			
Greater Depth 1Greater DeSophie thinks that the shape matches her statement.Robert thinks				he shape matches his statement.		
				n your answer.		
(This shape is a		Th	is shape has 2		
	regular			airs of parallel sides.		
	quadrilateral.			sides.		
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			-			

<u>Activity 3</u>

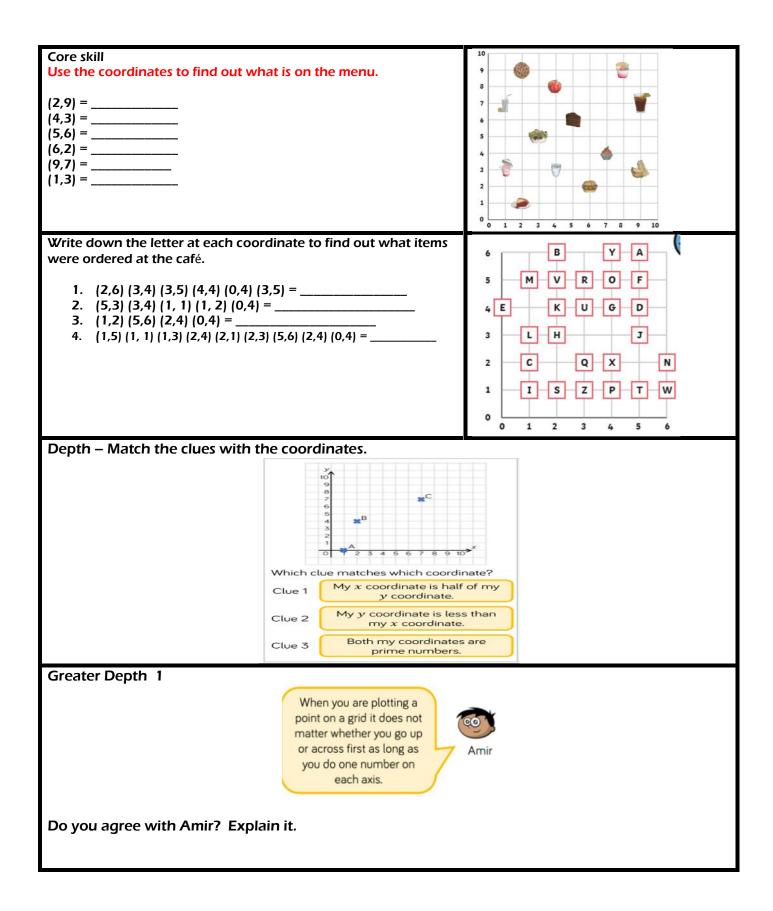
LO: To compare and classify triangles based on their properties and sizes.



Activity 4

LO: To plot specified points and draw sides to complete a given polygon.

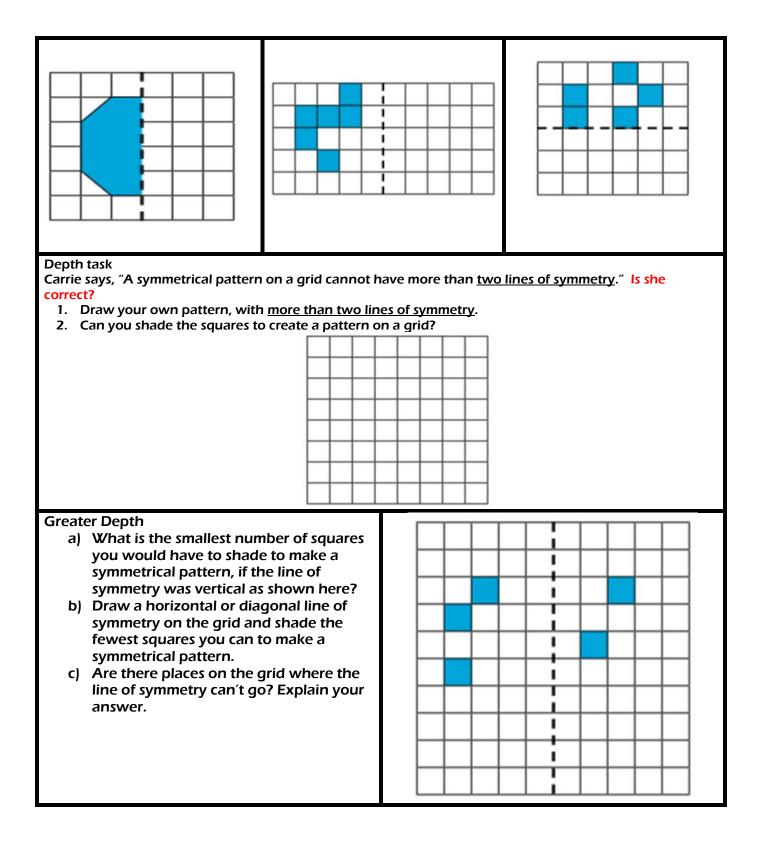
Watch the video that explains how to read coordinates. <u>https://watchkin.com/7eb787968f</u> "Along the corridor x-axis, up the stairs y-axis"



<u>Activity 5</u>

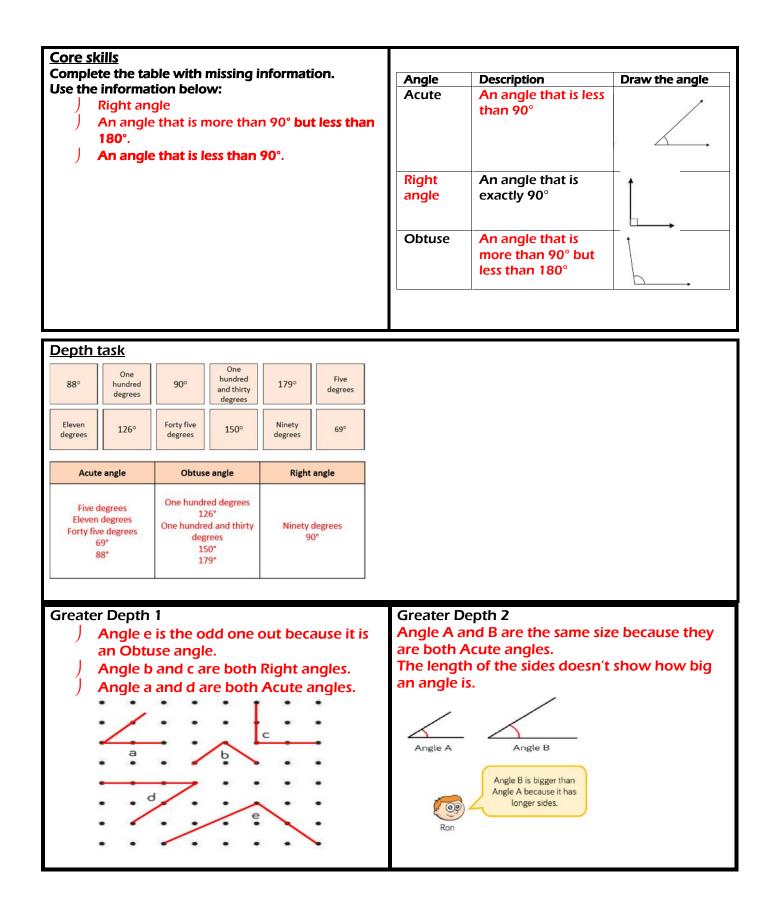
LO: To complete a simple symmetric figure with respect to a specific line of symmetry.

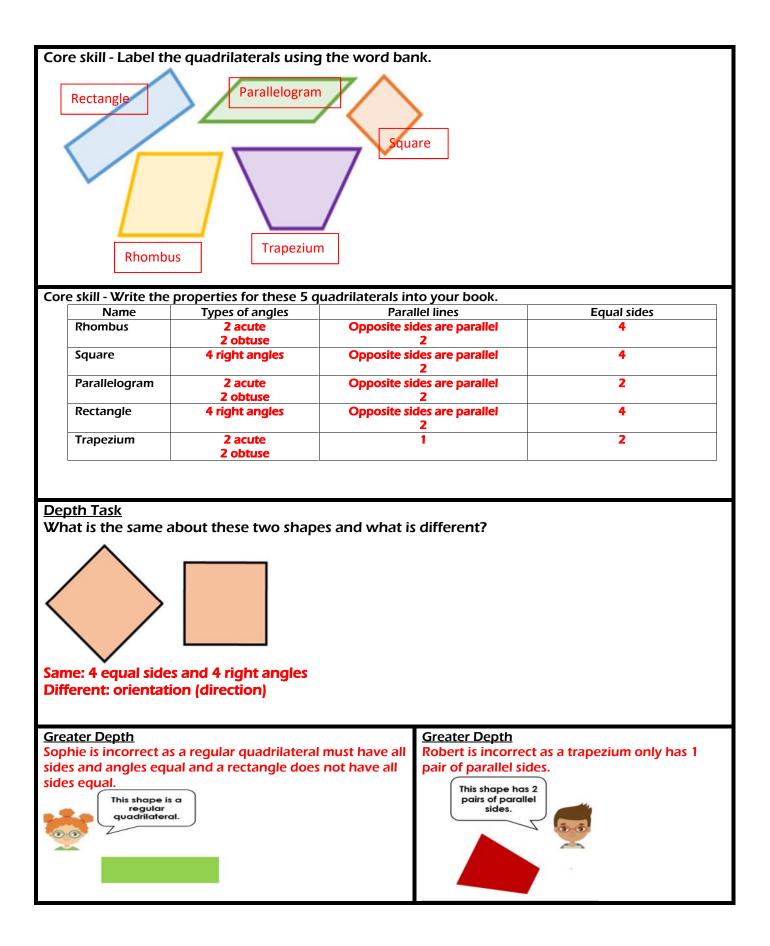
Core skill - Complete the symmetric figure, or pattern by shading the correct squares. Remember to check your answer with a mirror.



Answers

Activity 1

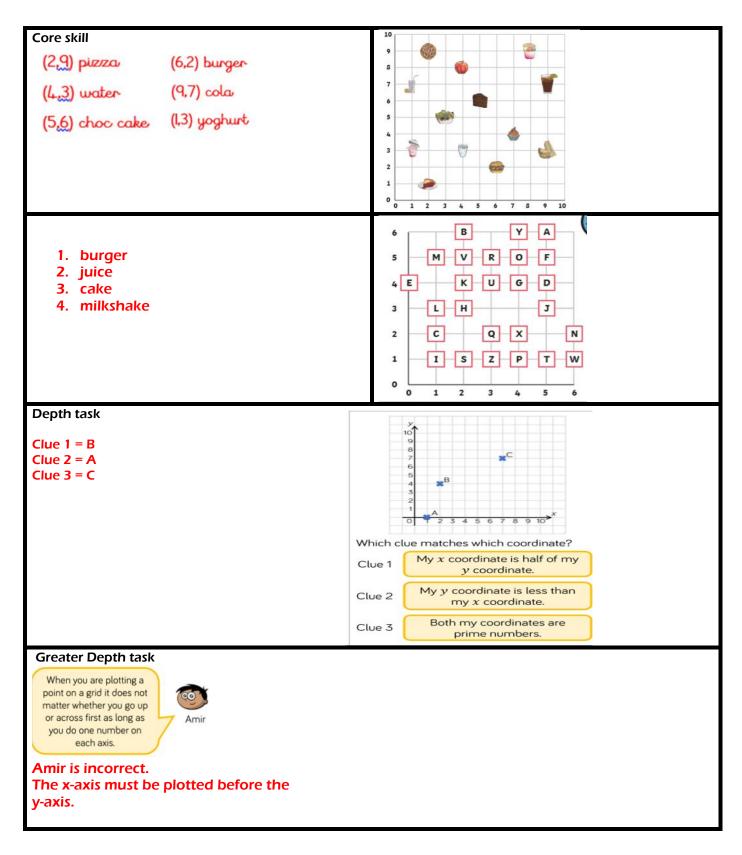


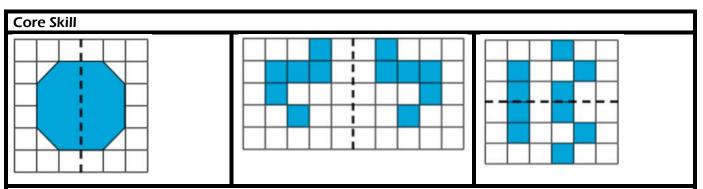


Activity 3

Core skill						
Sort the triangles under the co Scalene	rrect headings Isosceles	Equilateral				
D	В, С		Α			
Depth task 1. What are the differences betw triangles? A has a right angle. A has shorter sides.	veen these two	C D Read these statements. Explain why they are true or false.) A scalene triangle never has equal length sides. True all the sides are different				
 B has taller sides. What is similar about them? They are both are isosceles to A B 	riangles.	 lengths. An isosceles triangle can never have a right angle. False An isosceles triangle has three equal angles. False only two sides are the same length. An equilateral triangle has three equal length sides. True 				
Greater Depth 1		Greater Depth	ı 2			
Draw the shape using the descr 2 pairs of equal sides No right angles Not a parallelogram What shape have you drawn? Rhombus	ription below:	Draw the shape using the description below:) 1 pair of equal sides) 1 pair of parallel lines (unequal in length)) No right angles What shape have you drawn? Trapezium				

Activity 4





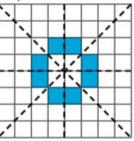
Depth task

Carrie says, "A symmetrical pattern on a grid cannot have more than <u>two lines of symmetry</u>." Is she correct? No

1. Draw your own pattern, with more than two lines of symmetry.

You should have drawn a simple pattern showing horizontal, vertical and diagonal symmetry like the example here.

2. Can you shade the squares to create a pattern on a grid? Multiple answers possible.



Greater Depth

- a) What is the smallest number of squares you would have to shade to make a symmetrical pattern, if the line of symmetry was vertical as shown here? 3
- b) Draw a horizontal or diagonal line of symmetry on the grid and shade the fewest squares you can to make a symmetrical pattern. Multiple answers.
- c) Are there places on the grid where the line of symmetry can't go?The line of symmetry can't go so close to the edge of the grid that there aren't enough squares on the other side of the line to complete the pattern.

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