Multiplication and division vocabulary					
Term	Definition	Example			
factor	a number that divides exactly	factors of 12 =			
lactor	into another number	1, 2, 3, 4, 6, 12			
common	factors of two numbers that	common factors of 8 and			
factor	are the same	12 = 1, 2, 4			
prime	a number with only 2 factors: 2, 3, 5, 7, 11, 13, 17,				
number	1 and itself	2, 3, 3, 7, 11, 13, 17, 19			
composite	a number with more than	12			
number	two factors	(it has 6 factors)			
prime factor	a factor that is prime	prime factors of 12 =			
prime factor		2, 3			
multiple	a number in another	multiples of 9 =			
multiple	number's times table	9, 18, 27, 36			
common	multiples of two numbers	common multiples of 4			
multiple	that are the same	and 6 = 12, 24			
square	the result when a number	25 (5 ² = 5x5)			
numbers	has been multiplied by itself	49 (7 ² = 7x7)			
cube	the result when a number has	$8(2^3 = 2x2x2)$			
numbers	been multiplied by itself 3 times	27 (3 ³ = 3x3x3)			

Fractions, decimals & percentages				<u>es</u>	Angles				
	¹ / ₁₀₀	0.01	1%	÷100		full turn	360°		
	¹ / ₂₀	0.05	5%	÷ 20		half turn	180°		
	¹ / ₁₀	0.1	10%	÷10		right angle	90°		
	$\frac{1}{5}$	0.2	20%	÷5		acute angle	< 90°		
	1/4	0.25	25%	÷ 4		obtuse angle	> 90°		
	1/2		50%	÷2		reflex angle	>180°		
		0.5				angles on a straight line	180°		
	3⁄4	0.75	75%	÷ 4, x3		angles inside a triangle	180°		
	1	1	100%	÷1		angles inside a quadrilateral	360°		

1 1 100%	÷1	angles inside a quadrilateral 360°					
<u>Shape vocabulary</u> perimeter = measure around the edge (circumference = perimeter of a circle)							
horizontal line	parallel lines		is tl				
vertical line	perpendicular (at right angle						

	<u>Roman numerals</u>					
= 2 8 and	5 V	100 C 500 D 1000 M				
7, 19 s) 12 =	Y6 MA KNOWI ORGAI	LEDGE				
12 =	by @_MissieBee					
=	<u>2D sha</u>	apes				
s of 4	Name	No. of sides				
	quadrilateral	4				
	pentagon	5				
	hexagon	6				
	heptagon	7				
)	octagon	8				
	nonagon	9				
	decagon	10				
360°	polygon = shape v					
180°	regular = all sides irregular = sides/a	-				
90°	in egular – sides/a					
< 90°	Types of t	triangle				
> 90°		$\wedge \wedge$				
>180°		$ \land \land \land$				
180°	scalene equila	ateral isosceles				
180°	Types of and	drilatoral				
360°	Types of qua					
	parallelogram trap	ezium rhombus				
a circle)	AREA					
	is the amount of space inside a 2D shape					
	usually measured in cm ² or m ² .					
	Area of a	triangle				

(Heiaht = perpendicular heiaht)

		-							
<u>Roman numerals</u>					Measurem	ent	<u>conversions</u>		
1	100 C		Month	Day	s]	1 cent imetre	10n	ım
5 V	500 D		January	31			1 metre	100cm	
-	1000 M		February	28 (29 in leap year)			1 kilo metre		00 m
50 L	1000 101		, March	31				, ,	
50 2			April	30			1 mile	1.6	km
	ATHS		May	31		1 kilometre		0.625 (⁵ / ₈) mile	
	AIIIS		June	30					
KNOW	LEDGE		July	31			1 kilo gram	1,00	00 grams
ORGA	NISER		August	31					-
			September				1 litre	1,00	00 milli litres
	lissieBee	_	October	31					
<u>2</u> D sh	apes		November 30			Co-ordinates			
			December	December 31			<u>Co-ordinates</u> Read co-ordinates along the x axis (horizontal) first, then the y axis		
Name	No. of side		1 year = 365 c	1 year = 365 days (≈ 52 weeks)					
quadrilateral	4		Leap year = 3	366 days			(vertical). E.g. (3,-4) = go right 3, dov		
pentagon	5						(vertical): E.g. (0)	م / י	,e nght b) de tin
hexagon	6				\wedge				
heptagon	7								
octagon	8					$\langle \rangle$			
nonagon	9		<u>3D shape</u>	<u>s</u>		7			
decagon	10				square-bas	ed	triangular	_	triangular
lygon = shape with straight sides			pyram		pyramid		based pyram		prism
gular = all side	-		faces _		_				-
egular = sides/	angles not sar	ie 🛛	(the flat side	(the flat sides) 5		4			5
Types of	triangle		edges			6			9
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Λ Λ		vertices						
$\sim \land \land$			(the points where 5		5	4			6
scalene equilateral isosceles			the edges meet) Volume = the amount of space a 3D shape takes up, usually measured						
calene equi	lateral isosce	es		amou	nt of space a 3	3D s	hape takes up,	usual	ly measured in
Types of qu	adrilateral		cm ³ or m ³						
$ \frown $	\neg	7					[
		Volume of a cuboid =							
allelogram trapezium rhombus		length x width x height							
۸R	FΔ		4		, ·	WIDTH			
AREA e amount of space inside a 2D shape			LENGTH						
usually measure									
Area of a	-				The	e m	ean_		
= (base x h			The mean is a type of average. To find the mean, add up all the numbers						
Area of a pa	-		and divide by how many there are. E.g. the mean of 4, 5, 3, 4 is 4.						
= base x	height		(Because $4 + 5 + 3 + 4 = 16$, and $16 \div 4 = 4$)						
			(Because $4 + 5 + 3 + 4 = 16$, and $16 \div 4 = 4$)						

(Because 4 + 5 + 3 + 4 = 16, and 16 ÷ 4 = 4)