<u>Year 6</u> Academic Year: 2019 - 2020										
Year 1	Year 2	Year 3 Year 4	4 Ye	ar 5	Year 6					
	Week 1 Week 2	Week 3 Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value	Number: Addition, Subtraction, Multiplication and Division			Geometry: Direction				Consolidation	
Spring	Number: Decimals	Number: Percentages	Number: Algebra		Measurement: Converting Units	Measur Perin Area Volu	ement: neter, and ume	Numbe	r: Ratio	Consolidation
Summer	Geometry: Properties of Shape	Problem Solv	Problem Solving Stat		istics Investigations			Consolidation		





Summer 2 (Week 2): 15.06.20 - 19.06.20

Monday 15th June 2020 (15.06.20) LO: to know that angles that are opposite to each other are always equivalent in size.

Tuesday 16th June 2020 (16.06.20) LO: to understand that the sum of interior angles within a triangle

Wednesday 17th June 2020 (17.06.20) - SCHOOL CLOSED.

Thursday 18th June 2020 (18.06.20) LO: to use the properties of triangles to reason about angles.

Friday 19th June 2020 (19.06.20) LO: to use my knowledge of angle rules and sum to solve and reason missing angles.

<u>15.06.20</u>

LO: to know that angles that are opposite to each other are always equivalent in size.

Starter Tasks:

- 'green pen' task
- arithmetic practice

Success Criteria

- To know that angles opposite to each other are equal.
- To calculate missing angles using the knowledge above

Vocabulary

- protractor
- angles
- measurement
- degrees
- straight line
 - acute, reflex, obtuse
 - right angle
 - on a point



Stick the following questions into your book and calculate the answer, showing your working out.

<u>Challenge</u> A

Topics include:

- balancing equations
- solving algebraic equations
- measurement
- missing number problems
- calculating time intervals

<u>Challenge B</u>

- long division
- algebraic substitution
- mixed numbers and improper fractions
- missing number problems
- calculating time intervals



























<u>16.06.20</u>

LO: to understand that the sum of interior angles within a triangle

Starter Tasks:

- 'green pen' task
- arithmetic practice

Success Criteria

- To know that angles opposite to each other are equal.
- To calculate missing angles using the knowledge above

Vocabulary

- protractor
- angles
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 - on a point

Ma	aths Brain Tease	<u>2r</u>
7	42	35
56	?	21
28	49	14
What is the	e value of the m Explain your reas	issing number? soning.

Stick the following questions into your book and calculate the answer, showing your working out.

<u>Challenge</u> A

Topics include:

- balancing equations
- solving algebraic equations
- measurement
- missing number problems
- calculating time intervals

<u>Challenge B</u>

- long division
- algebraic substitution
- mixed numbers and improper fractions
- missing number problems
- calculating time intervals



Repeat the same steps for an isosceles triangle and a scalene triangle. What do you notice about the sum of the angles? Can you arrange the corners to create a straight line? What do you notice? If you were to create an isosceles/scalene triangle with differently-sized angles, would it be the same?

















Stick the following questions into your book and calculate the answer, showing your working out.

<u>Challenge</u> A

Topics include:

- balancing equations
- solving algebraic equations
- measurement
- missing number problems
- calculating time intervals

<u>Challenge B</u>

- long division
- algebraic substitution
- mixed numbers and improper fractions
- missing number problems
- calculating time intervals











Questions

What type of triangle is? How do you know? What will the size of each angle? Can it be anything else?











<u>19.06.20</u>

LO: to use my knowledge of angle rules and sum to solve and reason missing angles.

Starter Tasks:

- 'green pen' task
- arithmetic practice

Success Criteria

- To know that angles opposite to each other are equal.
- To calculate missing angles using the knowledge above

Vocabulary

- protractor
- angles
- measurement
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Stick the following questions into your book and calculate the answer, showing your working out.

<u>Challenge</u> A

Topics include:

- balancing equations
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<u>Challenge B</u>

- long division
- algebraic substitution
- mixed numbers and improper fractions
- missing number problems
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Continue to explain your way through the problem, identifying the knowledge needed to calculate the missing angles





<u>TASK</u>

Solve the following questions, remembering to note down the rules/knowledge that you applied





June 13, 2020

