Western Road Community Primary School Weekly Maths Plan
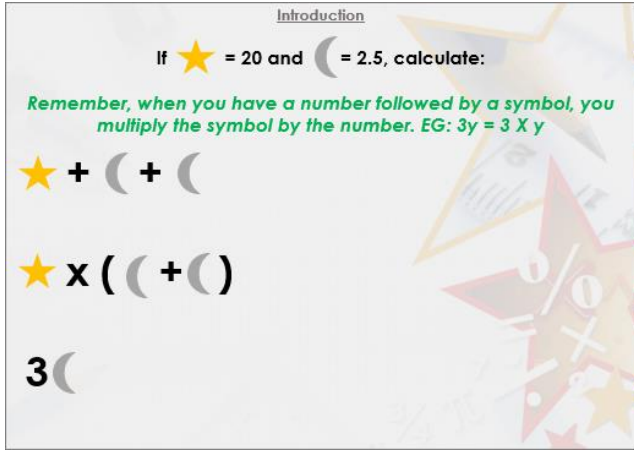
Class: Oak	**Teacher: R Hamilton**	**Term: Four 2020**	**Week Beginning: 30.3.20**

Topic: Algebra

	Mental Starter/ Revision	Introduction	Core Group Extension Group Support Group	Plenary / Assessment / Next Steps
Monday	**Practise the times table that is your weakest**	**WALT:** calculate formulae Go to introductory slide in presenation. 	1) **Varied Fluency** Go through the varied fluency slides of presentation, making notes and working out questions as you go. If it's a good level for you, go to : **Challenge B**: **Challenge B – Questions 5A-8A** **If you need more support:** **Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.** **If you need a greater challenge:** **Challenge C – 9A-12A** 2) **Problem Solving (Star Challenge)** Go through rest of presentation, making notes as you go as before. If this is a good level for you, go to Star Challenge B: **Star Challenge B – Questions 4A-6A** **If you need more support:** **Star Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.** **If you want a greater challenge:** **Challenge C – 7A-9A**	Mark your work and see how you did. Work on anything that you found tricky.

Tuesday

KenKen Puzzles

WALT: form equations.

Introduction

If the formula for finding the perimeter of a rectangle is $p = 2l + 2w$, calculate the perimeter of the following rectangles. *Remember, numbers followed by symbols need to be multiplied together. I have done the first one for you to help you.*

length (l)	width (w)	perimeter (p)
15cm	8cm	(2x15cm)+(2x8cm)= 46cm
22cm	19cm	
12.5cm	10cm	
14.25cm	9.5cm	

See introductory slide of presentation

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Wednesday	Revise questions from yesterday.	**WALT solve one-step equations** See Slide one of presentation	1) **Varied Fluency** Go through the varied fluency slides of presentation, making notes and working out questions as you go. If it's a good level for you, go to : **Challenge B**: **Challenge B – Questions 5A-8A** **If you need more support:** **Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.** **If you need a greater challenge:** **Challenge C – 9A-12A** 2) **Problem Solving (Star Challenge)** Go through rest of presentation, making notes as you go as before. If this is a good level for you, go to Star Challenge B: **Star Challenge B – Questions 4A-6A** **If you need more support:** **Star Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.** **If you want a greater challenge:** **Challenge C – 7A-9A**	Mark your work and see how you did. Work on anything that you found tricky.

Thursday	Revise questions from yesterday.	**WALT solve two-step equations** Introduction Find the value of x using the equations below. $4x = 48$ $x - 8 = 4$ $x + 3 = 15$ See introductory slide of presentation	1) **Varied Fluency** Go through the varied fluency slides of presentation, making notes and working out questions as you go. If it's a good level for you, go to : **Challenge B**: **Challenge B – Questions 5A-8A** **If you need more support:** **Challenge A – Questions 1A-4A – they are similar in structure but with less complex values.** **If you need a greater challenge:** **Challenge C – 9A-12A** 2) **Problem Solving (Star Challenge)** Go through rest of presentation, making notes as you go as before. If this is a good level for you, go to Star Challenge B: **Star Challenge B – Questions 4A-6A** **If you need more support:** **Star Challenge A – Questions 1A-3A – they are similar in structure but with less complex values.** **If you want a greater challenge:** **Challenge C – 7A-9A**	Mark your work and see how you did. Work on anything that you found tricky.

| Friday | Revise questions from yesterday. | **WALT Find Pairs of Values (this lesson is part 1 of this objective)**

See introductory slide of presentation

Introduction

If a = 4, find two possibilities for b if the answer is greater than 10 and less than 20.

| a | x | b | = | ? |
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