Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 4

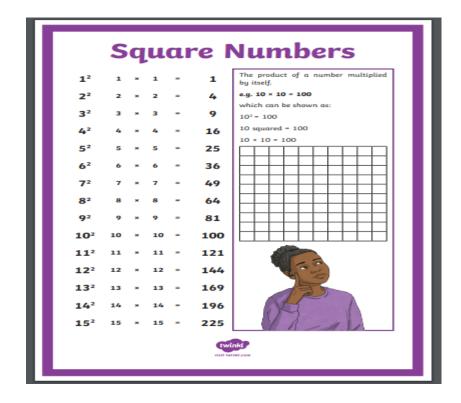
LO: TBAT identify patterns in number sequences.

Task: To complete a Beam activity relating to numbers and patterns.

Success Criteria:

- 1. Read the question.
- 2. Recap your knowledge of odd and even numbers.
- 3. Use the 100 square grid to support your answer, if needed.
- 4. Apply your knowledge of times tables to find the Zodd and Zeven numbers.

100 Square									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





Canonbury Home Learning Year 6 Maths Main activity



<u>Task 1</u>	<u>Task 2</u>	<u>Task 3</u>		
<u>Problem solving</u>	<u>Arithmetic</u>	Beam Activity		
Q1.	1 385 - 1 =	BEAM Maths of the Month you need: • squared paper		
1 is both a square number and a cube number. 4 is a square number, but not a cube number.		Odd and even puzzle		
What is the next number that is both a square number and a cube number?	2 16 + 1 =	1. These are all odd numbers.		
	3 8391 - 1000 :	And these are all even. 2 8 6 10		
Q2.		How many odd numbers are there below 100? And how many even?		
Here is a sorting diagram for numbers.	4 4567 + <u>2451</u>			
Write a number less than 100 in each space.	$\frac{2}{7} + \frac{3}{7} =$	2. On Planet Zog, these are 1 5 4 8 7 2 Zodd numbers.		
even not even				
a cube		And these are Zeven. 3 12 9 6 15		
number not a cube	6 476 + 19 – 371 =			
number		Use squared paper to work out some more Zodd numbers, and some more Zeven ones.		
		How many Zodd numbers are there below 1007 And how many Zeven ones?		
	7 24 × 7 =	9-II February 2009 © BEAMEdiction www.beam.co.uk		

Q3.

Find two **cube numbers** that total 152

Q4.

Write a cross on the numbers that are not square numbers.

1²

2³ **3**³

43

5³