## 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 |

## Square Numbers



## Main activity



Q3.
Find two cube numbers that total 152


Q4.
Write a cross on the numbers that are not square numbers.
$1^{2}$
$2^{3}$
$3^{3}$
$4^{3}$
$5^{3}$

