

# Canonbury Home Learning Year 6 Maths Developing/ Expected/ Greater depth activity Lesson 5

# LO: TBAT complete a code breaking task using Morse code.

**Task:** This week you will be trying to solve a murder mystery.

# Success Criteria:

1. Read the task.	
2. The punctuation on each line gives a letter in Morse code.	

#### CANONBURY PRIMARY SCHOOL Create, discover and succeed together

# Canonbury Home Learning Year 6 Maths Main activity

<u>Task 1</u>	Task 2	<u>Task 3</u>
roblem solving Ise decimal, percentage and fraction equivalents to solve the	Arithmetic	Project Murder mystery
bllowing questions.	<b>17</b> 3 <sup>2</sup> + 2 <sup>3</sup> + 5 <sup>2</sup> =	The Suspects           Forename         Surname         Sex         Right / left         Usually wears hat         Hair         Driver ?         Guility
Q1. Circle the fractions that are equal to 60%	18 840,000 - 48,000 =	Coutney         Brown         F         Right         Yes         Dark         No           Murder Mystery 1         Garba         Perkins         F         Right         Yes         Fair         No           Garba         Perkins         F         Right         Yes         Dark         No           Garba         Perkins         F         Right         Yes         Dark         No           Greta         Harrup         F         Right         No         Dark         Yes           Greta         Harrup         F         Right         No         Dark         Yes           Chelsea         Bridges         F         Left         No         Dark         Yes           Chelsea         Bridges         F         Left         No         Dark         Yes
$\frac{6}{20}  \frac{1}{60}  \frac{3}{5}  \frac{6}{10}  \frac{6}{60}  \frac{36}{60}$		Time Garror M Right No Red Yes body of a nurdered puest. As point the spa, they find 5 clues writers down by writesses. They have sent the dues to you to decidenter. They also provide a list of all those present at the health spa
Q2.	19 60 × 900 =	When the murder vas committed.         Tom         Walker         M         Right         No         Dark         Yes           There are 32 supperts. Each clue will eliminate half the number of support ramining. When all clues have been solved the identity of the murderer will be revealed.         Tom         Walker         M         Right         No         Dark         Yes           Dark provides and provide the identity of the murderer will be revealed.         Chardonary         Hogg         F         Right         Yes         Dark         Yes           Becky         Sands         F         Right         No         Fair         No
Match each fraction to its correct percentage equivalent.	20 300.01 × 1000 =	James     Wen     M     Left     Yes     Dark     Yes       Sakla     Riggles     F     Right     No     Dark     No       Harry     Pitcher     M     Right     No     Fair     No       Jack     Turnip     M     Right     No     Dark     No       Jack     Griggle     F     Left     No     Dark     No       Jake     Griggle     M     Right     No     Dark     Ves       Faisal     Iqbal     M     Right     Yes     Red     Yes
50 16%	21 34.6 + 100 =	Sam         Sprat         M         Right         Yes         Fair         No           Ian         Dent         M         Left         No         Fair         No           Jim         Begler         M         Left         Yes         Dark         No           Anina         Khan         F         Left         No         Red         Yes           Gavin         Redrup         M         Left         No         Dark         No           Beth         Walters         F         Right         Yes         Red         Yes
$ \left(\begin{array}{c} \frac{12}{75} \right) \qquad \qquad$	22 523.56 - 45.056 =	The punctuation on each line gives a letter in Morse code.
24     60%	23 957 <u>× 86</u>	
<b>Q3.</b> Circle the percentage that is equal to $\frac{7}{20}$		
7% 35% 70% 20% 140%		

# Canonbury Home Learning



