Ratford Forest Murder Mystery

A terrible crime has been committed in Ratford Forest. One of the best lumberjacks in the county has been murdered. The police have identified 6 suspects – all of them are part of the Ratford Maths Club. Use your mathematical knowledge to find the person responsible and establish when, where and why it happened.

WHO? The suspects were given 2 sums to work out. Check the answers carefully. Only the murderer could have made a mistake (or two).

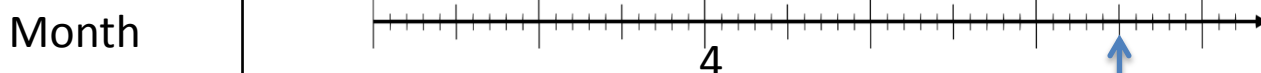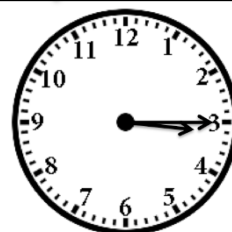|		
$32 + 12 = 44$ $143 + 18 = 161$ **Mr Zelock**	$56 - 19 = 37$ $238 - 17 = 221$ **Miss Scope**	$64 \times 2 = 128$ $29 \times 5 = 145$ **Mr Green**
$30 \div 5 = 6$ $69 \div 3 = 23$ **Hayley**	$\frac{1}{2}$ of $50 = 25$ $\frac{1}{4}$ of $24 = 6$ **Mrs Booksie**	$12 + 3 + 7 = 21$ $65 - 4 - 3 = 59$ **Mr Gum**

WHEN? Solve these calculations to work out the date and time of the murder.

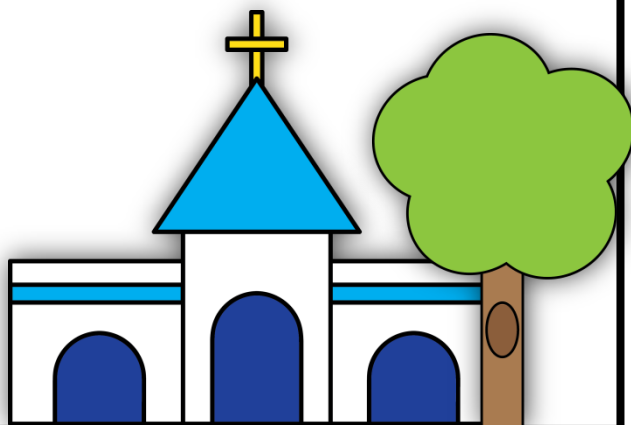| Year	$20 \times 100 + 15 =$
Day	A multiple of 4 : 6 10 13 28 43 21
Month	4
Time	40 minutes later than the time shown

WHERE? The answer will lead you to the place of the crime. $8 \times \square = 26 - 10$

By the bus stop, if the answer is 3	
On Church Street, if the answer is 4	
In Ratford Forest, if the answer is 2	
Inside the Maths Club, if the answer is 5	

WHY? Crack the code to answer the most important question of all. Why did they do it?

A	0	N	27
B	3	O	30
C	4	P	33
D	6	Q	36
E	8	R	40
F	9	S	44
G	12	T	48
H	15	U	32
I	16	V	56
J	18	W	64
K	20	X	72
L	21	Y	80
M	24	Z	88

___ ___   ___ ___ ___   ___ ___   ___
5 X 3   2 X 4   2 X 3   8 X 2   2 X 3

___ ___ ___
3 X 9   3 X 10   8 X6

___ ___ ___ ___ ___
4 X 1   3 X 7   4 X 2   4 X 0   3 X 9

___ ___ ___
3 X 5   4 X 4   11 X 4

___ ___ ___ ___ ___ !
6 X 8   1 X 8   4 X 2   12 X 4   5 X 3

CRIME SUMMARY:

_____ committed the murder
who

_____
when

_____
where

_____
why

Thank you for your purchase!

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Solution: Mr Gum committed the murder at 3:55 on the 28th of September 2015 in Ratford Forest, because he (the lumberjack) did not clean his teeth.
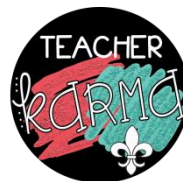
Ratford Forest Murder Mystery series. For one classroom use only. If any of your colleagues are interested in using the resource, please refer them to my shop at https://www.tes.com/teaching-resources/shop/hoppytimes

Thank you and have a great day!