

CERTIFICATE OF PARTICIPATION

CRYPTOGRAPHY: SECRETS, SECRETS, SECRETS...

AWARDED TO:

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CREATED A SYSTEM THAT ACCOMPLISHED GIVEN GOALS	
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SIMULATED A PHYSICAL SYSTEM	
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USED A VARIETY OF SOFTWARE	
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DIGITAL SCHOOLHOUSE

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Digital Schoolhouse
Lead Teacher

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CASE FILE



Department of Education



Review date: 03 February 2020

Crime Scene Investigator

CSI BADGE

Department:  **DIGITAL SCHOOLHOUSE**

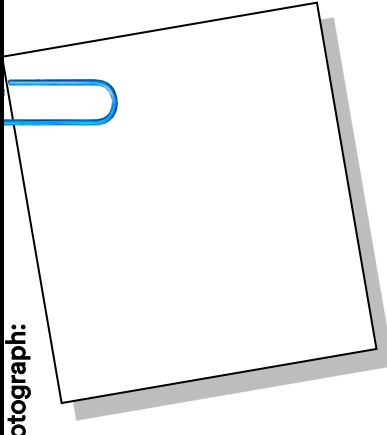
Badge No.

Name:

School:

Signature:

Suspect number: _____ Suspect details

<p>Photograph:</p> 	
<p>Finger print:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p style="text-align: center;">Right index finger:</p> </div>	
<p>First name:</p>	
<p>Last name:</p>	
<p>Gender:</p>	
<p>D.O.B:</p>	
<p>Occupation:</p>	
<p>Height:</p>	
<p>Build:</p>	
<p>Shoe size:</p>	
<p>Glasses:</p>	
<p>Hair colour:</p>	
<p>Hair length:</p>	
<p>Facial hair:</p>	
<p>Eye colour:</p>	
<p>Earrings:</p>	

Clue 1: To solve this puzzle you will need to use your understanding of grid references to work out which are the important words in the table below. Write down the word that you find at each grid reference in the Decoding Notes boxes below. Once you have found ALL the words, you need to unscramble them to make a sentence that gives you the first clue to the identity of the killer.

	A	B	C	D	E	F	G
1	AN	RIGHT	SAW	THE	SECOND	MOUSTACHE	GUN
2	THE	BANANA	TORCH	LOOKED	ALIBI	HEARD	APPLE
3	FIRST	SHOT	RAN	ROUND	MURDERER	CIRCUS	TENT
4	LOST	LEFT	TOWARDS	ONE	FINGER	FELT	BEHIND
5	OF	NEXT	THEIR	RADIO	EXTRA	IF	IMPORTANT
6	PEOPLE	STATION	GLASSES	VERY	IS	DOWN	EAR
7	RINGS	RANDOM	PENALTY	LONG	MOBILE	JOURNEY	EACH
8	NEXT	BEFORE	AT	URBAN	RIGHT	THE	DAY
9	FRONT	FIRST	PHONE	WHEN	AFTER	CARAVAN	MURDER
10	CLOWN	TOO	NEVER	SCENE	SUDDENLY	KNIFE	HAIR

DECODING NOTES

Message:	F8	D4	D10	E3	G6	G9	A2	C8	C5	B4	B9	A5	A7
Cell ref:													

Please use the space below to reorder the words into a sentence makes sense:

(1,2)	(4,4)	(5,3)	(3,2)	(5,5)	(5,3)	(5,5)	(5,3)	(2,5)	(4,1)	(3,5)	(2,1)	(2,5)	(2,5)	(5,5)	(2,5)				
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(5,3)	(5,5)	(1,1)	(3,5)	(5,5)	(1,5)	(2,2)	(5,5)	(3,2)	(4,5)	(3,1)	(2,2)	(5,1)	(5,5)						
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(2,2)	(5,1)	(5,5)		(2,5)	(2,4)	(5,2)	(2,2)	(3,5)	(4,5)	(4,1)	(5,1)	(2,2)		(1,4)	(2,1)	(2,5)			
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5	C	S	L	I	E
4	W	P	N	U	B
3	P	O	U	R	R
2	M	T	D	S	O
1	F	A	N	G	H
	1	2	3	4	5

Clue 3: Now use your skills of plotting graphs to find another clue to help you solve the mystery.

Clue 6: Poppy and Graham have left the next clue under Poppy's seat at the circus. However, we do not know which seat she sat in during the performance. Using the seating plan and the clues below, it is your job to find where she was sitting.

45	46	47	48	49	50	51	52
37	38	39	40	41	42	43	44
29	30	31	32	33	34	35	36
21	22	23	24	25	26	27	28
13	14	15	16	17	18	19	20
	7	8	9	10	11	12	
		3	4	5	6		
			1	2	9		

Here are the clues:

It is not an even number.

It is not divisible by 5.

It is not a multiple of 7 or 9.

There is neither a 1 nor a 3 in the number.

It is not in the top row, neither does it have a multiple of 8 next to it.

Clue 4: The message is not in code, you just have to work out how to read it! Pause for a minute and reflect on the words...

A	2	I
H	2	A
T	R	O
R	E	P
N	O	2
N	U	R
N	I	N
W	A	G
F	Y	A
M	O	R
E	H	T
R	A	C
A	V	A
		N

Clue 5: The murder was court on CCTV texting somebody on his mobile phone. However, the CCTV was not able to pickup his or her face or the message on the screen but there is some good news... the CCTV spotted which buttons were pressed the order! It is your job to work out what the message was.

ABC	DEF	GHI
JKL	MNO	PQR
STU	VWX	YZ

