

The Mystery of the Eggsplusive Easter Eggs Problem

Instructions

It's nearly Easter and an eggstraordinary event has occurred. All of the chocolate eggs on the shelves of the local supermarket have eggsploded! Why would someone do this to the Easter eggs? The culprit needs to be found and new eggs need to be made so that the celebrations can continue.

As the Detective Chief Inspector, it is your job to find out who eggsploded the eggs. Your officers have taken down the names and descriptions of the 30 people who were working in the supermarket today.

There are also five top secret clues that have been left. To crack the case, you will need to solve each clue and check the information with the list of names.

Good luck!



The Workers' Descriptions

Worker's Name	Male or Female	Favourite Snack	Type of Shoes	Aisle	Wears Glasses?
Eamon	M	chocolates	trainers	freezers	Y
Earle	M	biscuits	smart shoes	fruit and vegetables	N
Easton	M	crisps	trainers	tinned foods	Y
Eben	M	cake	trainers	freezers	N
Ebony	F	chocolates	trainers	freezers	N
Eddie	M	chocolates	smart shoes	tinned foods	Y
Edeline	F	biscuits	trainers	fruit and vegetables	Y
Eden	F	crisps	trainers	tinned foods	N
Edison	M	cake	trainers	freezers	N
Edith	F	cake	trainers	freezers	Y
Edmond	M	biscuits	smart shoes	fruit and vegetables	N
Effie	F	chocolates	trainers	tinned foods	N
Egon	M	biscuits	smart shoes	freezers	Y
Eion	M	crisps	smart shoes	fruit and vegetables	Y
Eirlys	F	chocolates	smart shoes	tinned foods	N
Elaine	F	cake	smart shoes	fruit and vegetables	Y
Elgar	M	crisps	trainers	fruit and vegetables	N
Elijah	M	crisps	smart shoes	tinned foods	Y
Ellora	F	chocolates	trainers	freezers	N
Emma	F	cake	trainers	tinned foods	Y
Emmet	M	biscuits	smart shoes	fruit and vegetables	Y
Emmylou	F	biscuits	trainers	tinned foods	Y
Enid	F	crisps	smart shoes	freezers	N
Enzo	M	cake	trainers	fruit and vegetables	N
Era	F	chocolates	trainers	freezers	Y
Ermintrude	F	cake	smart shoes	freezers	Y
Ernest	M	biscuits	smart shoes	fruit and vegetables	N
Everett	M	biscuits	smart shoes	tinned foods	N
Evie	F	crisps	smart shoes	fruit and vegetables	Y
Ezma	F	biscuits	smart shoes	tinned foods	Y

The culprit was _____

Clue 1

Formal or Informal Footprints?

Decide whether each word or phrase uses vocabulary typical of formal or informal writing and write it in the correct place. Whichever shoe has the most words or phrases will tell you the type of shoe print that was discovered in the sweet shop.







The culprit wore _____.

Clue 2

Chocolate Bullet Points!

The following details were recorded by the police. These are in an awful mess with lots of mistakes. Can you check whether they have the correct punctuation?

If they are OK, give them a tick, but if they have incorrect or missing punctuation, give them a cross. If you have more ticks, then the culprit is female. If you have more crosses, then the culprit is male.

At the scene of the crime I noticed:

- chocolates everywhere;
- broken foil wrappers;
- a strong smell of smoke;
- confused looking staff;
- five children eating chocolate;

Exploded eggs included:

- all large boxed eggs
- half of the small wrapped eggs
- most of the medium boxed eggs

I spoke to:

- ◊ the supermarket manager;
- > all staff members;
- the members of public who were shopping;
- any people passing by the shop.

When I arrived at the supermarket, I observed:

- chocolate footprints out of the door;
- a large group of excited-looking children;
- worried-looking supermarket workers;
- panicked mothers.

Ruined items

- all chocolate eggs
- most boxes of chocolate;
- some sweets
- some biscuits
- most soft drinks

Questions to ask all workers

- How long have you worked here?
- Do you enjoy your job?
- Do you celebrate Easter?
- Do you like chocolate?









There are more _____, so the culprit is _____.



Clue 3

Prefix Packets

An empty snack packet was found at the scene of the crime. Match the words to the correct prefix to form a verb. The prefix with the most words will reveal which packet was found and therefore the culprit's favourite snack.

 cook	 rail	 obey	 throne	 respect
 read	 lead	 agree	 take	 behave
 perform	 allow	 laid	 like	 flate



_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The prefix with the most words is _____, so the culprit's favourite snack is _____.

Clue 4

Aisle Adverbials

This paragraph is split into statement sentences, which all include adverbials. But are they adverbials of time, place or number?

If there are more adverbials of **time**, then the culprit works in the freezer aisle.

If there are more adverbials of **place**, then the culprit works in the fruit and vegetable aisle.

If there are more adverbials of **number**, then the culprit works in the tinned food aisle.

Statement	Adverbial of time, place or number?
Firstly, as I looked around the crime scene, I thought I heard the sounds of someone giggling.	
I noticed one unexploded egg behind the biscuits.	
I knew we needed to close the shop straight away.	
Nearby, there was a huge pile of broken biscuits.	
We collected all of the witness statements in the manager's office.	
Meanwhile, the newspapers arrived to take photos and write a news story.	
We were finally able to head home and leave the supermarket workers with a big clean up job.	

There were more adverbials of _____,
so the culprit works in the is _____ aisle.







Clue 5

Magical Maze!

Find your way through this maze of Y5/6 statutory spelling words. By following the path (vertically or horizontally) of correctly spelt words, you will find out whether the culprit wears glasses or not.

Start

bargain	thorough	excellent	suggest	harass	language	persuaid
forty	recommmend	resterant	temprature	forign	community	stumach
sholder	lightning	immediate	variety	available	accompany	vehical
comunicate	neighbour	yocht	programe	determind	system	parliment
frequently	prejudice	relevant	twelfth	cemetery	immature	necessary
pronunsiation	exagerate	garantee	corespond	secretery	identtity	symbol
acheive	rhythm	equipment	average	especially	hindrance	equipped
vegetable	profession	lesiure	equipp	comittee	disasterous	queeu
occupy	mucsle	individduel	desprate	recoggnise	suficient	rhime
apparent	privilege	criticise	signature	convenience	bruise	marvellous
consious	orkward	mischevious	sinsere	dicsionary	familliar	develop
anscient	curiosity	acording	sacrifise	conscence	controvversy	explanation
aggressive	embarrass	definite	phisycal	nuisance	enviroment	government
						

The culprit wears/does not wear glasses. _____

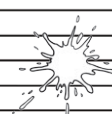
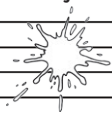

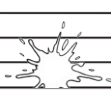
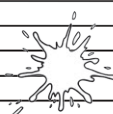

The Mystery of the Eggsplusive Easter Eggs Problem Answers

Clue 1: Formal or Informal Footprints?

Formal	Informal
opportunity	chance
injustice	not fair
improve	give up
profession	now
sacrifice	get better
immediately	
communicate	

The culprit wore **smart shoes**.

Clue 2: Chocolate Bullet Points!

<p>At the scene of the crime I noticed:</p> <ul style="list-style-type: none"> • chocolates everywhere; • broken foil wrappers; • a strong smell of smoke; • confused looking staff; • five children eating chocolate; <p style="text-align: right;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>	<p>Exploded eggs included:</p> <ul style="list-style-type: none"> - all large boxed eggs - half of the small wrapped eggs - most of the medium boxed eggs <p style="text-align: center;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>	<p>I spoke to:</p> <ul style="list-style-type: none"> ◊ the supermarket manager; > all staff members; - the members of public who were shopping; • any people passing by the shop. <p style="text-align: right;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>
<p>When I arrived at the supermarket, I observed:</p> <ul style="list-style-type: none"> • chocolate footprints out of the door; • a large group of excited-looking children; • worried-looking supermarket workers; • panicked mothers. <p style="text-align: right;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>	<p>Ruined items</p> <ul style="list-style-type: none"> • all chocolate eggs • most boxes of chocolate; • some sweets • some biscuits • most soft drinks <p style="text-align: center;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>	<p>Questions to ask all workers</p> <ul style="list-style-type: none"> • How long have you worked here? • Do you enjoy your job? • Do you celebrate Easter? • Do you like chocolate? <p style="text-align: right;"></p> <p style="text-align: right;"><input checked="" type="checkbox"/></p>

There are more **crosses**, so the culprit is **male**.

Clue 3: Prefix Packets

de-	mis-	under-	dis-
rail	read	cook	respect
throne	lead	take	agree
flute	behave	perform	allow
	laid		like
			obey

The prefix with the most words is **dis-**, so the culprit's favourite snack is **biscuits**.

Clue 4: Aisle Adverbials





Statement	Adverbial of time, place or number?
Firstly , as I looked around the crime scene, I thought I heard the sounds of someone giggling.	number
I noticed one unexploded egg behind the biscuits .	place
I knew we needed to close the shop straight away .	time
Nearby , there was a huge pile of broken biscuits.	place
We collected all of the witness statements in the manager's office .	place
Meanwhile , the newspapers arrived to take photos and write a news story.	time
We were finally able to head home and leave the supermarket workers with a big clean up job.	number

There were more adverbials of **place**, so the culprit works in the **fruit and vegetable aisle**.

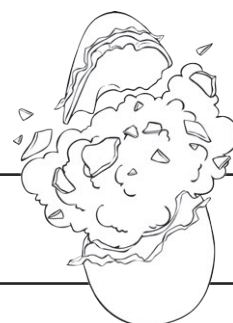
The Mystery of the Eggsplasive Easter Eggs Problem **Answers**

Clue 5: Magical Maze!

Start

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forrtly	recommmend	resterant	temprature	forign	community	stumach
sholder	lightning	immediate	variety	available	accompany	vehical
comunicate	neighbour	yocht	programe	determind	system	parliment
frequently	prejudice	relevant	twelfth	cemetery	immature	necessary
pronunsiation	exagerate	garantee	corespond	secretery	identtity	symbol
acheive	rhythm	equipment	average	especially	hindrance	equipped
vegetable	profession	lesiure	equipp	comittee	disasterous	queeu
occupy	mucsle	individduel	desprate	recoggnise	suficient	rhime
apparent	privilege	criticize	signature	convenience	bruise	marvellous
consious	orkward	mischevious	sinsere	dicsionary	familliar	develop
anscient	curiosity	acording	sacrifise	conscence	controvversy	explanation
aggressive 	embarrass	definite 	phisycal	nuisance 	enviroment	government 

The culprit **wears**/does not wear glasses.



The culprit was **Emmet**.