

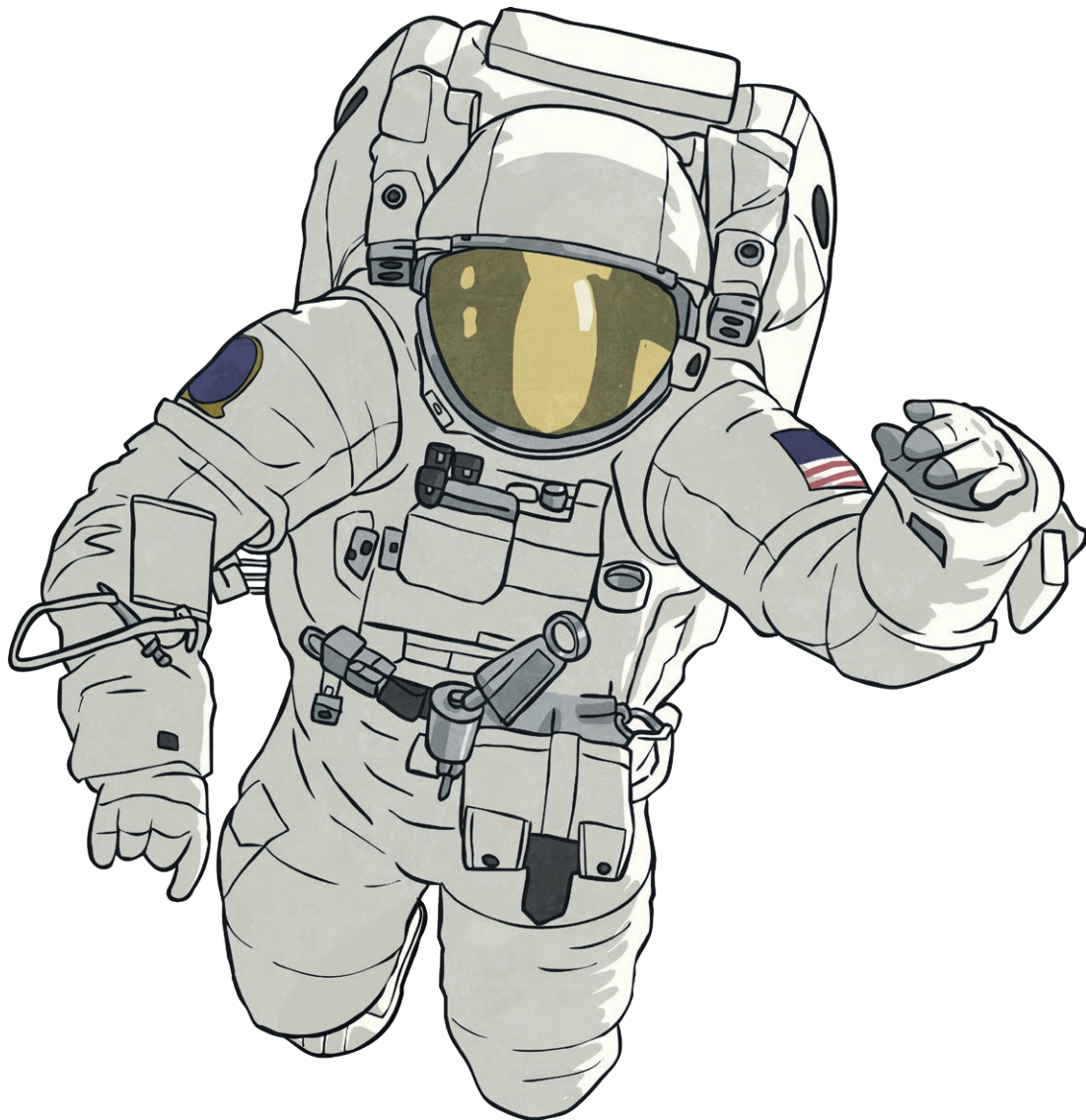
# The Mystery of the Stolen Space Suit

A serious crime has been committed before the launch of the space shuttle to Mars. It is the night before the rocket is due to launch and everything has been prepared and packed. When the astronauts went in to do their final checks, one of them found that their space suit was missing and saw a remarkably similar one appear on a well-known auction site!

As the Detective Chief Inspector, it is your job to find out who has stolen the suit. Your officers have taken down the names and descriptions of the thirty astronauts who were training during the day.

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

Good luck!

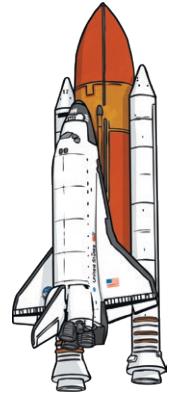


## The Astronaut Descriptions

Name	Gender	Nationality	Colour of Uniform	Wear Glasses?	Age
Astrid Asteroid	female	Russian	orange	Y	31
Aurora Astro	female	American	navy blue	Y	32
Apollo Atom	male	British	silver	N	24
Belinda Bright	female	American	navy blue	N	26
Comet Corona	male	Chinese	navy blue	N	35
Carina Cosmo	female	Chinese	silver	N	46
Cassiopeia Celeste	female	British	orange	N	29
Draco Day	male	British	silver	Y	36
Eos Eclipse	male	Russian	silver	Y	36
Esther Earthshine	female	American	navy blue	N	33
Halo Hypernova	male	British	silver	N	45
Helene Hubble	female	American	orange	Y	41
Juno Jupiter	female	British	orange	N	39
Leo Lightyear	male	Russian	navy blue	Y	38
Luna Lunar	female	British	navy blue	N	28
Lyra Light	female	British	navy blue	Y	26
Mars Molecule	male	Russian	orange	N	25
Mercury Meteor	male	Chinese	silver	Y	29
Miranda Moon	female	Chinese	orange	Y	39
Norma Nebula	female	American	silver	N	31
Nysa Neutrino	male	American	silver	N	41
Orion Orbit	male	Chinese	navy blue	N	45
Phoenix Pulsar	male	British	silver	Y	34
Portia Pluto	female	Russian	silver	N	35
Rhea Radiant	female	American	orange	N	33
Rocket Red	male	Russian	orange	N	38
Themis Totality	male	British	silver	N	37
Triton Twinkle	male	Chinese	navy blue	Y	29
Venus Van Allen	female	American	orange	N	45
Wolf White	male	British	silver	Y	29

# Clue 1

## Space Sentences



These space sentences have been written with parenthesis. Check which ones have the correct punctuation (it could be commas, brackets or dashes).

If there are more ticks, then the culprit is male. If there are more crosses, then the culprit is female.

Space Sentence	✓ or X
The astronauts, who come from all over the world have prepared for this mission for months.	
"I have waited for this chance for years," said one of the astronauts – she was actually one of the older astronauts.	
Unfortunately, the space food (most of the astronauts dislike it) has disappeared from the storage cupboard.	
Mission control, which is located in Paris, has delayed the take-off.	
Tom Peek – one of the British astronauts has eaten all of the space food.	
Luckily, the Space Agency stored extra food in a safe place they kept this a secret.	
Finally, the spare food (mainly baked beans) has been packed into the rocket.	
The rocket, with its extra food stores, has taken off safely.	

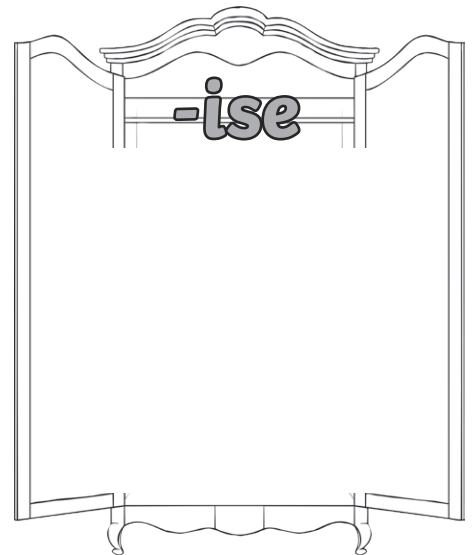
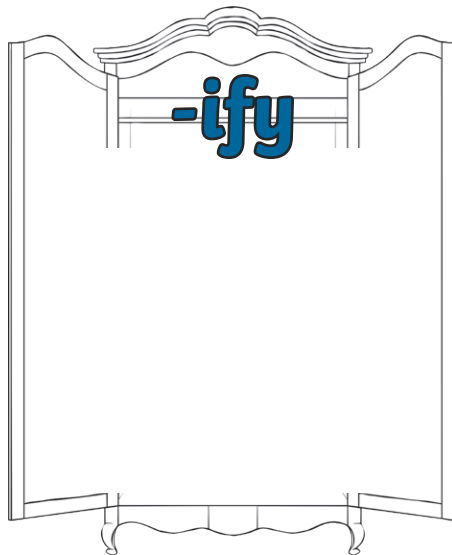
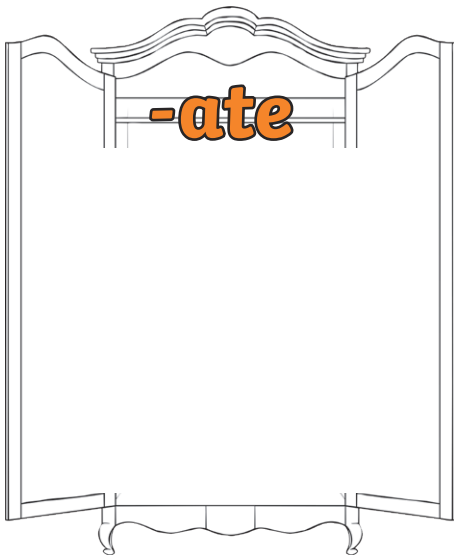
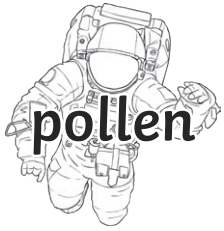
There were \_\_\_\_\_ crosses and \_\_\_\_\_ ticks. There were more \_\_\_\_\_ so the culprit is male/female.

## Clue 2

### Space Suit Suffix Sort-Out!

With all the chaos this police investigation has caused, the uniforms have been muddled up! In order to help prepare for takeoff, you need to match the nouns and adjectives to the correct suffix to form a verb. Whichever suffix has the most matching words will reveal the colour of the culprit's uniform.

Remember: sometimes the root word will need to be altered before the suffix is added.



The suffix with the most root words is \_\_\_\_\_, so the culprit's uniform is \_\_\_\_\_.

## Clue 3

### Super Space Synonyms

While they wait for the mystery to be solved, the astronauts have been thinking of exciting synonyms for different words. Whichever nationality of astronauts have thought of the most synonyms for their word will reveal the nationality of the culprit.

diminutive

turbo

steady

zippy

unhurried

minuscule

speedy

nanoscopic

colossal

mountainous

swift

gargantuan

**big**



**small**



**slow**



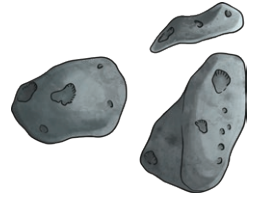
**fast**



The nationality of the astronauts who found the most synonyms was \_\_\_\_\_.

## Clue 4

### Avoid the Active Asteroids!

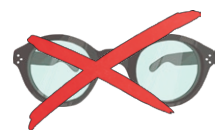
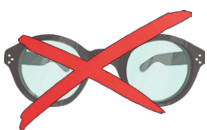


Find your way through this vortex of sentences by following the pathway of passive sentences (up, down, left and right) and avoiding the active asteroids.

At the end of your journey you will discover whether the culprit wears glasses or not.

#### Start

The space suit was taken by one of the astronauts.	The mission was delayed by the incident.	Rocket Red ate the space food.	The delayed mission devastated Orion Orbit.
The incident delayed the mission.	The culprit will be discovered by the Detective Chief Inspector.	One of the astronauts took the space suit.	Esther Earthshine lost the navy blue uniforms.
The Detective Chief Inspector will discover the culprit.	The space food was eaten by Rocket Red.	Carina Cosmo is the oldest astronaut on the mission.	Lyra Light spotted the space suit on a well-known auction site.
Apollo Atom is the youngest person to ever join astronaut training.	Orion Orbit was devastated by the delayed mission.	The navy blue uniforms were lost by Esther Earthshine.	Juno Jupiter has been on five missions in the past.
Norma Nebular packed the silver uniforms.	During the mission, the astronauts will receive regular messages from home.	The space suit was spotted on a well-known auction site by Lyra Light.	The rocket will orbit the planet for 40 days and nights.

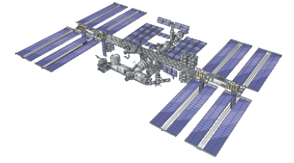


The culprit wears/does not wear glasses.



## Clue 5

### Hyphens Go into Hyperdrive



The astronauts have been writing about their time in space. They have tried to use hyphenated words but some have got confused. Check these sentences to find which ones are correct. If they are, give them a tick. If they are incorrect, give them a cross.

If you have more ticks, then the culprit is more than 30 years old. If you have more crosses, then the culprit is less than 30 years old.

Space Sentence	✓ or X
During my first mission, we saw thirty-one large asteroids one day.	
Take off is the most dangerous part of any space mission.	
It can be difficult not to be bad-tempered when spending a lot of time in space with the same people.	
On my last mission, I worked with the all knowing Belinda Bright.	
As we headed back home, I was hopeful that our reentry into the Earth's atmosphere would go smoothly.	
I was sent on a spacewalk to re-cover some exposed electrical wires.	
Before any mission, it is important to re-search the planet you will be visiting.	
On the space station, we re-cycle all of our water through a complicated system.	

There were \_\_\_\_\_ crosses and \_\_\_\_\_ ticks. There were more \_\_\_\_\_ so the culprit is less than/more than 30 years old.

**Return to the list of suspects and work out who the culprit is!**

## Clue 1: Space Sentences

Space Sentence	✓ or X
The astronauts, who come from all over the world have prepared for this mission for months.	X
"I have waited for this chance for years," said one of the astronauts – she was actually one of the older astronauts.	✓
Unfortunately, the space food (most of the astronauts dislike it) has disappeared from the storage cupboard.	✓
Mission control, which is located in Paris, has delayed the take-off.	✓
Tom Peek – one of the British astronauts has eaten all of the space food.	X
Luckily, the Space Agency stored extra food in a safe place they kept this a secret.	X
Finally, the spare food (mainly baked beans) has been packed into the rocket.	✓
The rocket, with its extra food stores, has taken off safely.	✓

Answer to clue 1: There were **3** crosses and **5** ticks. There were more ticks so the culprit is **male**.

## Clue 2: Space Suit Suffix Sort-Out!

pollen (pollinate)	solid (solidify)	vandal (vandalise)
elastic (elasticate)	test (testify)	fertile (fertilise)
alien (alienate)	intense (intensify)	advert (advertise)
		final (finalise)

Answer to clue 2: The suffix with the most root words is **ise**, so the culprit's uniform is **silver**.




## Clue 3: Super Space Synonyms

**big**

colossal

mountainous

gargantuan




**small**

diminutive

minuscule

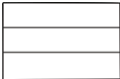
nanoscopic



**slow**

unhurried

steady




**fast**

turbo

speedy

swift

zippy







Answer to clue 3: The nationality of the astronauts who found the most synonyms was **British**.

## Clue 4: Avoid the Active Asteroids!

**Start**

The space suit was taken by one of the astronauts.	The mission was delayed by the incident.	Rocket Red ate the space food.	The delayed mission devastated Orion Orbit.
The incident delayed the mission.	The culprit will be discovered by the Detective Chief Inspector.	One of the astronauts took the space suit.	Esther Earthshine lost the navy blue uniforms.
The Detective Chief Inspector will discover the culprit.	The space food was eaten by Rocket Red.	Carina Cosmo is the oldest astronaut on the mission.	Lyra Light spotted the space suit on a well-known auction site.
Apollo Atom is the youngest person to ever join astronaut training.	Orion Orbit was devastated by the delayed mission.	The navy blue uniforms were lost by Esther Earthshine.	Juno Jupiter has been on five missions in the past.
Norma Nebular packed the silver uniforms.	During the mission, the astronauts will receive regular messages from home.	The space suit was spotted on a well-known auction site by Lyra Light.	The rocket will orbit the planet for 40 days and nights.

↓ ↓ ↓ ↓

## Clue 5: Hyphens Go into Hyperdrive

Space Sentence	✓ or X
During my first mission, we saw thirty-one large asteroids one day.	✓
Take off is the most dangerous part of any space mission.	X
It can be difficult not to be bad-tempered when spending a lot of time in space with the same people.	✓
On my last mission, I worked with the all knowing Belinda Bright.	X
As we headed back home, I was hopeful that our reentry into the Earth's atmosphere would go smoothly.	X
I was sent on a spacewalk to re-cover some exposed electrical wires.	✓
Before any mission, it is important to re-search the planet you will be visiting.	X
On the space station, we re-cycle all of our water through a complicated system.	X

Answer to clue 5: There were **5** crosses and **3** ticks. There were more **crosses** so the culprit is **less than 30 years old**..

**The culprit is Wolf White!**