

PARENTAL POINT - Access may be limited from this week to Twinkl for those without membership. I have put the relevant pages below so that they can still be printed out. This may make it easier as there are fewer links for you to chase after.

Literacy

SPaG

Can you solve the space mystery?

Comprehension

Learning about planet Earth

Maths

Capacity

Challenges, questions and some trolls!

Mindfulness

Cool, coloured clothing!

It's a short week!



Dear Parents/Carers,

I have attached a page at the end containing a reward certificate. This has been on the school website but some may not have seen it. Now it is the end of the school term it would be great if your child could have one signed in your name.

I look forward to seeing the children back in September.

Have a great summer and stay safe.

Mr Bonham

Class 3 Sunflower Results...

Well done to everyone who had a go with their sunflowers, even if it wasn't a success. The results that have been sent in are on one of the following pages. Some have not even flowered yet and are still getting bigger.

I hope they continue to grow and bloom as you enjoy them over the summer.



Oak National Academy Online Classroom

<https://classroom.thenational.academy>



Here are a few links to online lessons which cover some of the areas we have looked at over the year. They may help with understanding and is to offered as an additional resource.

<https://classroom.thenational.academy/subjects-by-year/year-3/subjects/maths>
<https://classroom.thenational.academy/subjects-by-year/year-4/subjects/maths>
<https://classroom.thenational.academy/subjects-by-year/year-3/subjects/english>
<https://classroom.thenational.academy/subjects-by-year/year-4/subjects/english>



The newspaper that we have in class is now available online for FREE.

https://schools.firstnews.co.uk/wp-content/uploads/sites/3/2020/07/FIRSTNEWS_734-1.pdf

Denver needs YOU!

Help us to win £5,000 of National Book Tokens for the school library - and get £100 for yourself!

Enter the competition online, it only takes a minute:

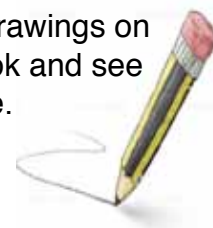
<http://www.nationalbooktokens.com/schools>

The more nominations our school receives, the higher the chances of winning, so please spread the word!

Have you drawn your self-portrait yet?

There are lots of amazing drawings on the website now. Have a look and see if you can recognise anyone.

If you have not done yours then have a go and send it to the office.



First 100 High Frequency Words Handwriting

the

that

not

look

put

and

with

then

don't

could

Planet Earth

We all live on Earth...why? Well, Earth is the only planet in our solar system that has all the things we need to survive: 21% oxygen in the air to breathe, water to drink and all at just the right temperature warmed by the Sun. Its name comes from the Old English word 'ertha' and the Anglo-Saxon word 'erda' which means ground or soil.

The Blue Planet

Earth, the third planet from the Sun after Mercury and Venus, is referred to as 'The Blue Planet' because of how it looks from space. This is due to the fact that over $\frac{2}{3}$ of the Earth's surface is covered in water.



Did you know?

- Age: approximately 4.54 billion years
- Diameter: 13,000 km
- Distance to Sun: 150,000,000 km
- Surface Temperature: 15°C
- Highest point: Mount Everest 8.8 km
- Lowest point: Challenger Deep 10.9 km below sea level

I'm Spinning Around

The Earth spins on its axis once every 24 hours – that's what gives us day and night as we spin to face the Sun and then away from it again. You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years. Eventually this will lengthen our days but it will take around 140 million years before our day will have increased from 24 to 25 hours. I wonder if children 140 million years from now will have an extra hour at school.

Whilst it is spinning, the Earth is also orbiting The Sun, which takes $365 \frac{1}{4}$ days to do one full circuit. This gives us the length of our years. Our seasons are also dependent on the orbit of the Earth as our planet is tilted at an angle. This means that around one side of the Sun we are tilted towards it – giving us warmer temperatures and longer days...our summer. However, around the other side of the Sun we are tilted away from it giving us less light and cooler temperatures – this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

Questions

1. What percentage of Oxygen is in the air we breathe?

2. What is the highest thing on Earth?

3. How long does it take the Earth to spin once on its axis?

4. Will the Earth always spin at this speed? If not, how will it change?

5. How many planets are between us and the Sun and can you name them?

6. Why do we experience summer around one side of the Sun?

7. Why is Earth also called 'The Blue Planet'?

8. What 3 things make it possible for us to survive on Earth?

9. Why do we need to add an extra day to our year every 4 years?

10. Which fact or piece of information has amazed you the most and why?

Answers

1. What percentage of Oxygen is in the air we breathe?
21%
2. What is the highest thing on Earth?
A mountain (the question asks 'what thing')
3. How long does it take the Earth to spin once on its axis?
24 hours/1 day
4. Will the Earth always spin at this speed? If not, how will it change?
No – it is slowing down
5. How many planets are between us and the Sun and can you name them?
2 (Mercury and Venus)
6. Why do we experience summer around one side of the Sun?
The Earth is tilted towards The Sun
7. Why is Earth also called 'The Blue Planet'?
Water makes up 2/3 of the surface so it looks blue from space.
8. What 3 things make it possible for us to survive on Earth?
Water, air (or oxygen), warmth
9. Why do we need to add an extra day to our year every 4 years?
Due to the fact we have an extra $\frac{1}{4}$ day every year we orbit the Sun
10. Which fact or piece of information has amazed you the most and why?
Open ended to discuss.



The Trolls' Capacity Problems

I can solve problems involving addition and subtraction of millilitres.



Here are the results of the first 2 rounds of the 'Fill the Teacup' event from the Trolls' Sports Day. Each team tried to fill a teacup (which holds 250ml) using teaspoons and tablespoons.

Remember: 1 teaspoon = 5ml 1 tablespoon = 15ml 1 teacup = 250ml

Team A	Round 1	Round 2	Team B	Round 1	Round 2
Player 1	teaspoon	tablespoon	Player 1	teaspoon	tablespoon
Player 2	teaspoon	tablespoon	Player 2	tablespoon	teaspoon
Player 3	teaspoon	tablespoon	Player 3	teaspoon	tablespoon
Player 4	tablespoon	tablespoon	Player 4	tablespoon	teaspoon

- 1) How many millilitres did each team have in their teacup after Round 1?

Team A _____ ml Team B _____ ml

- 2) How many millilitres did Players 3 and 4 from Team A put in their teacup together in Rounds 1 and 2?

Players 3 and 4 from Team A put _____ ml in their teacup.

- 3) How many more millilitres does Team A need to add to fill their teacup?

Team A needs _____ ml more to fill their teacup.

- 4) How many more millilitres does Team B need to add to fill their teacup?

Team B needs _____ ml more to fill their teacup.





The Trolls' Capacity Problems **Answers**

I can solve problems involving addition and subtraction of millilitres.



Question	Answer
1.	How many millilitres did each team have in their teacup after Round 1?
	Team A 30 ml Team B 40 ml
2.	How many millilitres did Players 3 and 4 from Team A put in their teacup together in Rounds 1 and 2?
	Players 3 and 4 from Team A put 50 ml in their teacup.
3.	How many more millilitres does Team A need to add to fill their teacup?
	Team A needs 160 ml more to fill their teacup.
4.	How many more millilitres does Team B need to add to fill their teacup?
	Team B needs 170 ml more to fill their teacup.

Capacity Challenges **Answers**

All problems have a variety of possible answers, here are some examples:

Challenge 1: (2000ml)

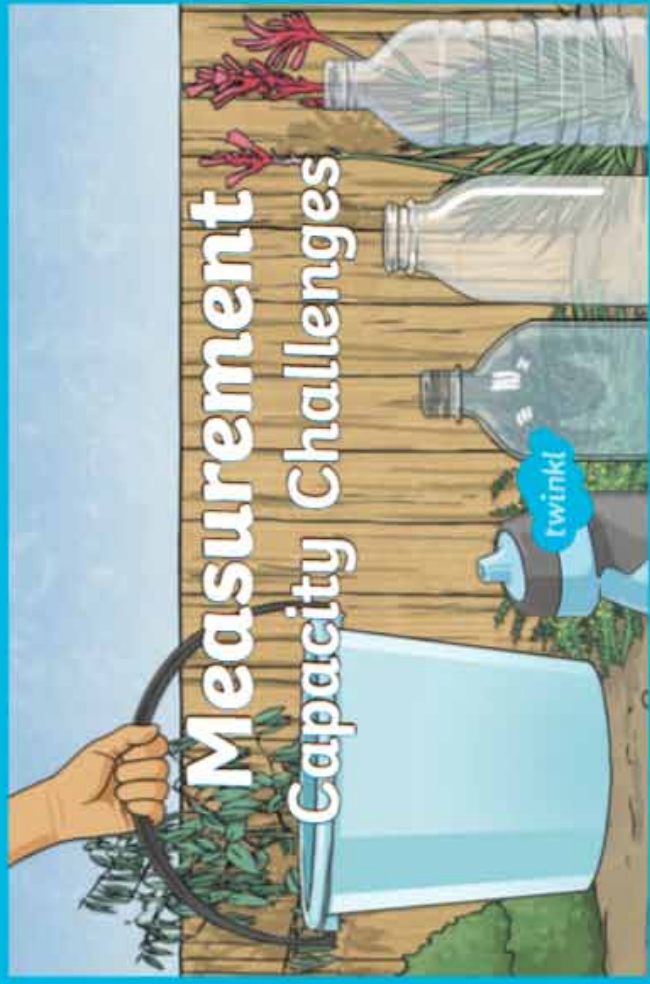
- 200ml + 200ml + 200ml + 200ml + 200ml + 200ml + 200ml + 200ml + 200ml + 200ml
- 250ml + 250ml + 250ml + 250ml + 250ml + 250ml + 250ml + 250ml
- 500ml + 500ml + 500ml + 500ml
- 750ml + 750ml + 500ml
- 500ml + 500ml + 200ml + 200ml + 200ml + 200ml + 200ml

Challenge 2: (1500ml)

- 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml + 100ml
- 200ml + 200ml + 200ml + 200ml + 200ml + 250ml + 250ml
- 250ml + 250ml + 250ml + 250ml + 250ml + 250ml
- 300ml + 300ml + 300ml + 300ml + 300ml
- 300ml + 300ml + 300ml + 200ml + 200ml + 200ml

Challenge 3: (2500ml)

- 250ml + 250ml + 250 ml + 250ml + 250ml + 250ml + 250 ml + 250ml + 250ml + 250ml
- 500ml + 500ml + 500ml + 500ml + 500ml
- 750ml + 750ml + 750ml + 250ml
- 750ml + 750ml + 250ml + 250ml + 500ml



Measurement Capacity Challenges

Capacity Challenges

Challenge 1

Janine needs to fill a bucket with 2 litres (2000ml) of water. She has bottles which hold the following amounts:

200ml, 250ml, 500ml, 750ml

Give two different ways that Janine can fill the bucket (you may use each container more than once).



Capacity Challenges

Challenge 2

Lucien needs to fill a bucket with 1 litre 500ml (1500ml). He has containers which hold the following amounts:

100ml, 200ml, 250ml, 300ml.

Give two different ways that Lucien can fill the bucket (you may use each container more than once).



Capacity Challenges

Challenge 3

Siobhan needs to fill a bucket with 2 litres 500ml (2500ml). She has containers which hold the following amounts:

250ml, 300ml, 500ml, 750ml

Give two different ways that Siobhan can fill the bucket (you may use each container more than once).



The Mystery of the Stolen Space Food

A serious crime has been committed before the launch of the space shuttle to Mars. On the night before the rocket was due to launch, everything had been prepared and packed. When the astronauts went in to do their final checks, they found that the space food was missing!

As the detective chief inspector, it is your job to find out who has stolen the food. Your officers have taken down the names and descriptions of the 30 astronauts who were training during the day.

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!



Clue 5 - To Apostrophe or Not to Apostrophe?

These space sentences all need apostrophes for possession. Read them carefully to check whether they have used apostrophes correctly.

If there are more ticks, then the culprit is less than 30 years old. If there are more crosses, then the culprit is more than 30 years old.

Space sentence	✓ or x
As I was entering the space shuttle, I tripped over the captain's boots.	
Space walks are fun but it is important to check your helmets seal's before leaving the space station.	
The planets's rocks will be studied while we are there.	
Seeing the aliens' vehicles approaching made us all panic.	
The astronauts are always happy to see their families' faces when they make video calls back home once a week.	

There were _____ crosses and _____ ticks.

There were more _____ so the culprit is less than / more than 30 years old.



Clue 1 - It's a Mystery!

Look at each of the words and decide whether to use 'a' or 'an' before each of them.
If you use 'a' more, then the culprit is male. If you use 'an' more, the culprit is female.



spacesuit



astronaut



planet



rocket



asteroid



alien



eclipse



comet



star



helmet

I used a / an most frequently so the culprit is _____.

Clue 2 - Is It Perfect?

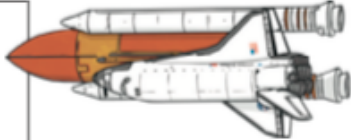
These present perfect sentences were written to describe the space mission. Decide whether they are written correctly or if they have mistakes.

If there are more ticks, then the culprit wears glasses. If there are more crosses, then the culprit does not wear glasses.

Sentence	✓ or x
The astronauts have prepared for this mission for months.	
"I have waited for this chance for years," said one of the astronauts.	
Unfortunately, the space food has disappeared from the storage cupboard.	
Mission control is delayed the takeoff.	
Tom Planets has eaten all of the space food.	
Luckily, the Space Agency will stored extra food in a safe place.	
Finally, the spare food has been packed into the rocket.	
The rocket has took off safely.	

There were _____ crosses and _____ ticks.

There were more _____ so the culprit wears / does not wear glasses.



Clue 3 - Comma Confusion

These space sentences all include fronted adverbials but only one of them has been punctuated correctly. Find which sentence is correct and the culprit's uniform colour will be revealed.

Space sentence	✓ or x
Wearing his orange uniform Mercury prepared for his first space mission.	
As fast as a rocket, the silver meteor zoomed into the Earth's atmosphere.	
Stranded on the moon Helene, noticed the sky was turning navy blue.	
Magnified through, the telescope the craters on the red planet looked enormous.	
Putting on her purple uniform, for the first time Carina felt more proud than she ever had before.	

The colour mentioned in the correctly punctuated sentence is _____, so the culprit's uniform is _____.



Clue 4 - Lost in a Word Vortex...

Find your way through this vortex of year 3 and year 4 spelling words. By following the path of correctly spelt words, you will find out what the culprit's nationality is. You can only move horizontally or vertically.

Start

answer	business	century	busy	disappear	calender	breethe
adress	ocassion	forwards	favourite	weight	centre	experement
bicycle	acidentally	eigth	corght	exersise	circle	Febuary
knowledge	deside	certin	groop	famous	continue	different
speshul	strate	grammer	hieght	beleive	naturel	early
potatos	women	although	popular	guide	accident	question
enuff	ordinary	extreme	arive	gard	medisine	difficult
compleet	regular	history	build	important	discribe	ocasionally
notis	hurd	increese	hart	learn	imagine	intrest
promis	often	supos	raign	proably	actually	posession
peculliar	library	material	experience	particular	length	various
naughty	remember	sentence	posishun	pirhaps	thru	oposite
island	seperate	minute	surprize	though	posess	possible

British



Russian



American



Chinese



The culprit's nationality is _____.

The Mystery of the Stolen Space Food

Answers

Clue 1 - It's a Mystery!

- A spacesuit **An alien**
An astronaut **An eclipse**
A planet **A comet**
A rocket **A star**
An asteroid **A helmet**

I used **a** / an most frequently so the culprit is **male**.

Clue 2 - Is It Perfect?

Sentence	✓ or x
The astronauts have prepared for this mission for months.	✓
"I have waited for this chance for years," said one of the astronauts.	✓
Unfortunately, the space food has disappeared from the storage cupboard.	✓
Mission control is delayed the takeoff.	x
Tom Planets has eaten all of the space food.	✓
Luckily, the Space Agency will stored extra food in a safe place.	x
Finally, the spare food has been packed into the rocket.	✓
The rocket has took off safely.	x

There were **3** crosses and **5** ticks. There were more **ticks** so the culprit **does wear** glasses.

Clue 3 - Comma Confusion

Space sentence	✓ or x
Wearing his orange uniform Mercury prepared for his first space mission.	x
As fast as a rocket, the silver meteor zoomed into the Earth's atmosphere.	✓
Stranded on the moon Helene, noticed the sky was turning navy blue.	x
Magnified through, the telescope the craters on the red planet looked enormous.	x
Putting on her purple uniform, for the first time Carina felt more proud than she ever had before.	x

The colour mentioned in the correctly punctuated sentence is **silver** so the culprit's uniform is **silver**.

The Mystery of the Stolen Space Food Answers

Clue 4 - Lost in a Word Vortex...

answer	business	century	busy	disappear	calender	breethe
adress	ocassion	forwards	favorite	weight	centre	experment
bicycle	accidentally	eighth	coright	exersise	cicle	Febuary
nowledge	deside	certin	groop	famousse	continue	different
speshul	strate	grammer	hieght	beleive	natural	early
potatos	women	although	popular	guide	accident	question
enuff	ordinary	extreme	arive	gard	medisine	difficult
compleet	regular	history	baidd	important	discribe	ocasionaly
notis	hurd	increese	hart	learnt	imagine	intrest
promis	often	supos	raign	probally	actually	possession
peculiar	library	material	experience	particular	length	variousse
naughty	remember	sentence	posishun	pirhaps	thru	oposite
island	seperate	minute	surprize	though	possess	possible

British

The culprit's nationality is **British**.

American

Chinese

Clue 5 - To Apostrophe or Not to Apostrophe?

Space sentence	✓ or x
As I was entering the space shuttle, I tripped over the captain's boots.	✓
Space walks are fun but it is important to check your helmets seal's before leaving the space station.	x
The planet's rocks will be studied while we are there.	x
Seeing the aliens' vehicles approaching made us all panic.	✓
The astronauts are always happy to see their families' faces when they make video calls back home once a week.	✓

There were **2** crosses and **3** ticks. There were more **ticks** so the culprit is **less than** 30 years old.

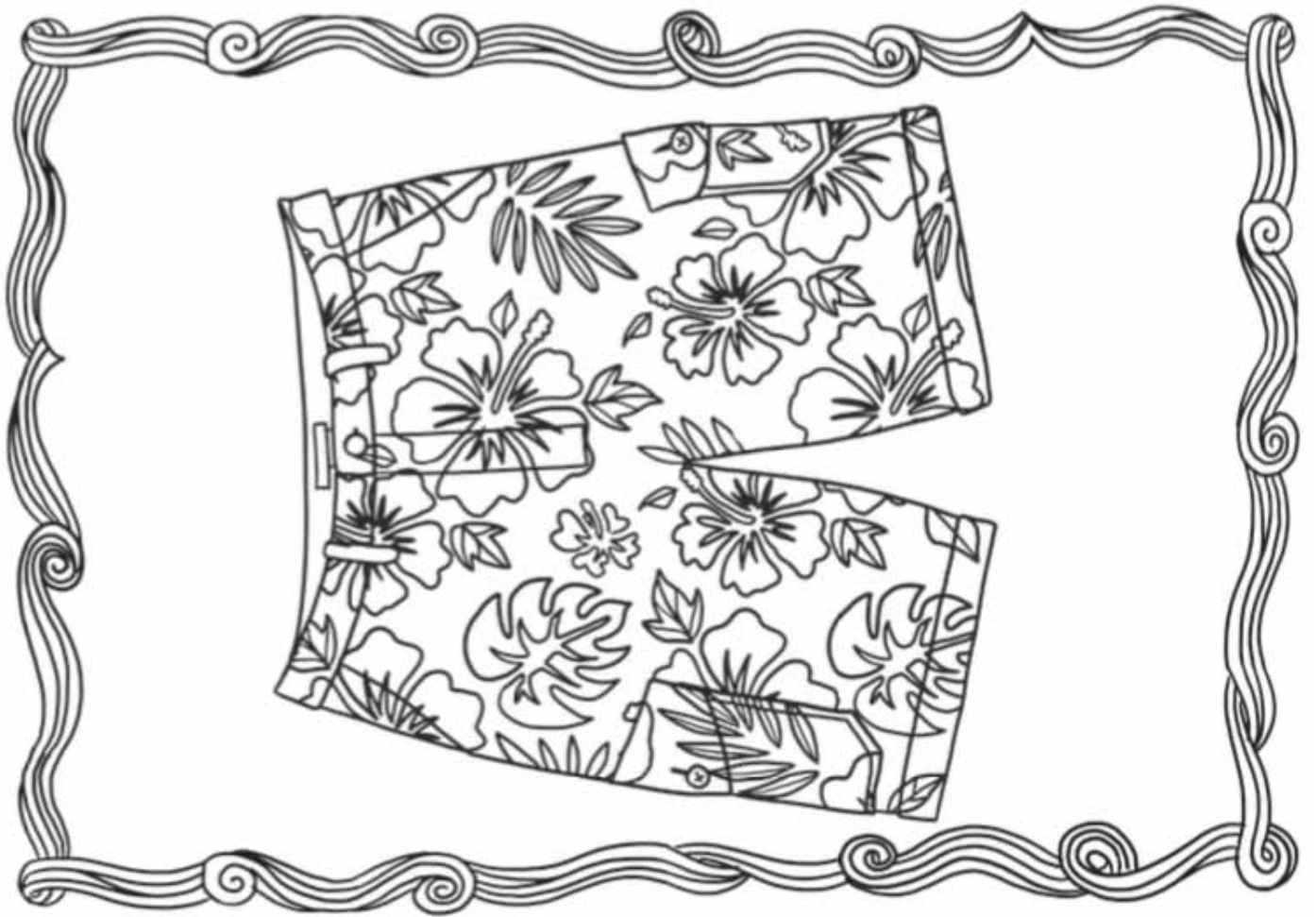
The space food thief was Rocket.

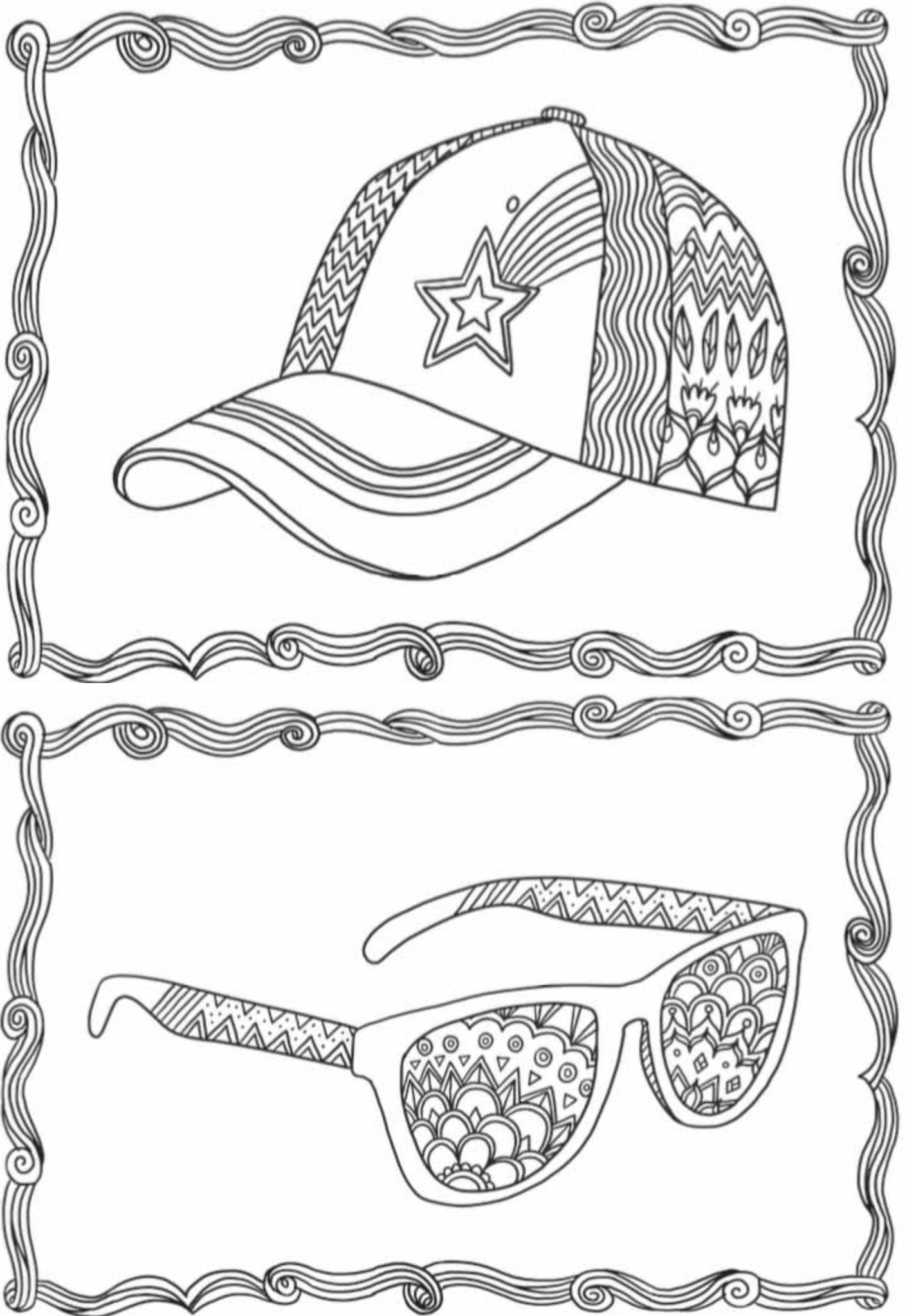
The Astronaut Descriptions

Uniform Number	Astronaut Name	Male or Female	Nationality	Colour of Uniform	Glasses	Age
1	Astrid	Female	British	Purple	Yes	31
2	Aurora	Female	American	Navy blue	Yes	32
3	Apollo	Male	Russian	Red	No	25
4	Belinda	Female	American	Navy blue	No	26
5	Comet	Male	Chinese	Red	No	35
6	Carina	Female	Chinese	Purple	No	41
7	Cassiopeia	Female	British	Orange	No	29
8	Draco	Male	British	Silver	Yes	38
9	Eos	Male	British	Silver	Yes	36
10	Esther	Female	American	Navy blue	No	33
11	Halo	Male	Chinese	Silver	No	45
12	Helene	Female	American	Orange	Yes	41
13	Juno	Female	British	Red	No	39
14	Leo	Male	Russian	Navy blue	Yes	38
15	Luna	Female	British	Navy blue	No	28
16	Lyra	Female	British	Silver	Yes	26
17	Mars	Male	Russian	Orange	No	25
18	Mercury	Male	Chinese	Orange	Yes	29
19	Miranda	Female	Chinese	Orange	Yes	39
20	Norma	Female	American	Silver	No	31
21	Nysa	Male	American	Purple	No	41
22	Orion	Male	Chinese	Red	No	45
23	Phoenix	Male	British	Purple	Yes	34
24	Portia	Female	Russian	Red	No	35
25	Rhea	Female	British	Orange	No	33
26	Rocket	Male	British	Silver	Yes	26
27	Themis	Male	British	Navy blue	No	37
28	Triton	Male	Chinese	Silver	Yes	29
29	Venus	Female	American	Orange	No	45
30	Wolf	Male	American	Silver	Yes	40

The space food thief was _____.







Class 3 Summer Term Sunflower Growing Challenge 2020

25cm



Ms DeVanche
Here are my sunflowers,
I planted them in a pot with
mud and watered them.
I hope they grow quickly
and have big yellow
flowers on them.

139cm



Chloe

145cm



Logan and Seren

I planted our seeds on 20th
April 2020 and waited for
it to germinate. I recorded
the growth in my book.
Over the weeks some of
the leaves were eaten by
caterpillars. Some of the
leaves turned yellow so we
cut them off as they had
done their job.

149cm



Barney

My Dad did not do the
weeding so it did not grow
as well as it could.

180cm



Jessica

In its early stages the
bottom leaves were eaten
by my bunnies.

186cm



Edward

I liked watching it grow.
Some of our sunflowers
fell over when they got
too heavy.

210cm



Darcy



Denver VC Primary School

Working *from* *home* **Star**

Presented to

on _____ signed _____