

Summer 2



Week 7 – Monday
13th July 2020

We made it to the
last week of term
– wahoo!

What does your day look like?



Lesson 1: Reading

Lesson 2: Maths

Free time

Lesson 3: Grammar/Spelling

Lesson 4: Writing

Lunch

Lesson 5: project

Don't forget to READ!

The words "HOME LEARNING" are written in a colorful, bubbly font. The letters are filled with various patterns and colors, including stripes, polka dots, and solid colors. The word "HOME" is on the top line and "LEARNING" is on the bottom line.

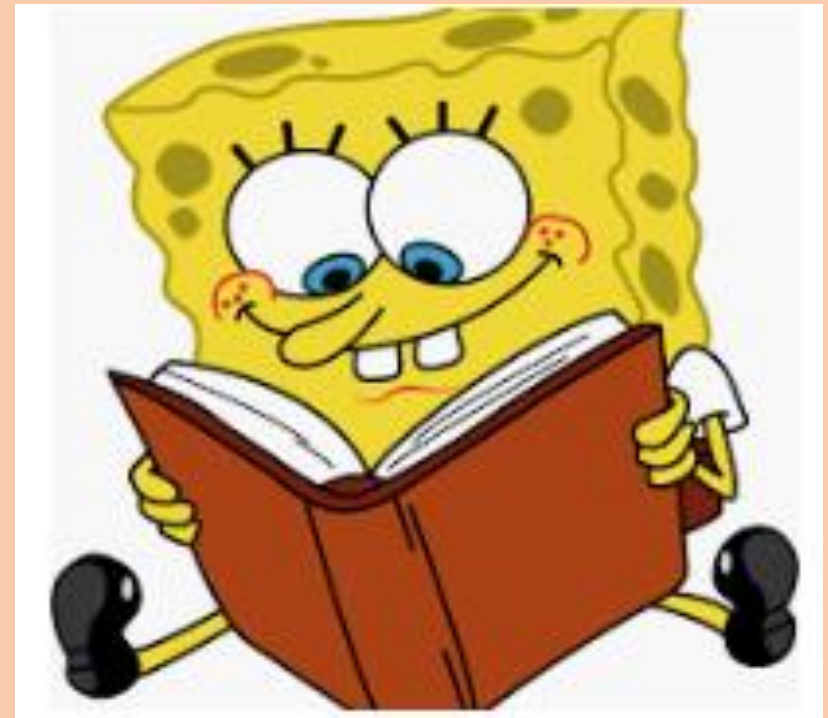
Reading

Activity:

1. Read the text
2. Read the questions and answer what you can.
The Deeper Reading questions are extensions for those of you who normally do three chillies.

If these are too easy or too hard, get in touch on Teams or on email (year5@thepalmeracademy.com) to let us know. We hope you enjoy!

Mrs Brettal's Group:
Reading Eggs

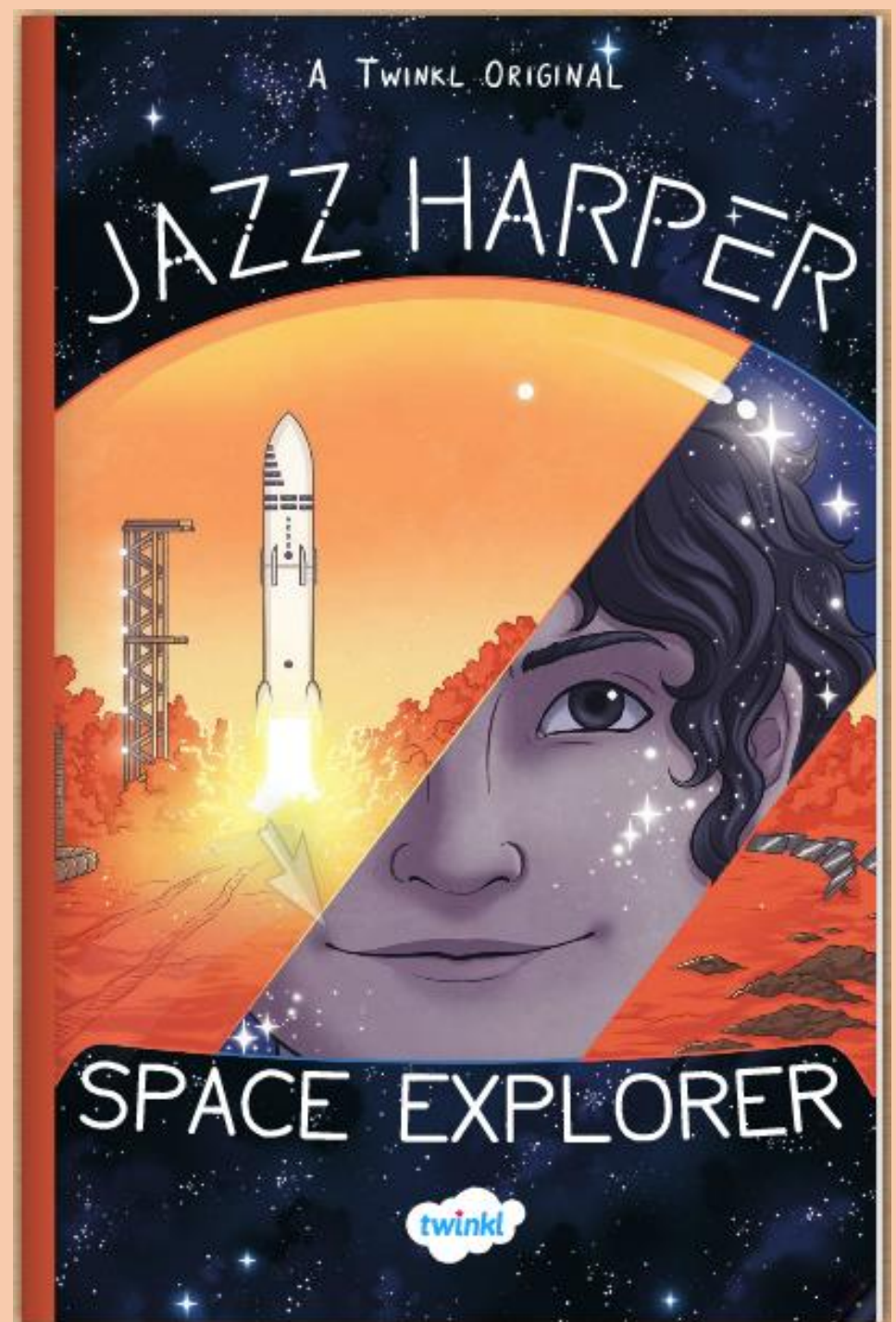


This week, we will be continuing to look at an eBook from Twinkl called Jazz Harper: Space Explorer. It should link in to some of your Topic lessons and is a science-fiction story. We will copy the pages on to slides and there will also be a link tomorrow to listen to the story aloud. We hope you enjoy – let us know on Teams or on email what you think of it.

Today you are going to be reading Chapter 4.

At the end of reading you will be asked some questions.

Before you start: What do you think this chapter might be about? Why?





CHAPTER 4: Minor Emergencies

Sol 42, Mars Year 57, 1:59 a.m.

Dear Diary,

It's the middle of the night but I can't sleep! I'm too excited about starting Mars school. I've already tried to sneak out of the flat to visit Elijah but when I got there, his door was locked. Since there are no webspectacles or phones on Mars, I couldn't even call him to let me in.

Instead, I turned to go home. The corridors were deserted and the lights flickered dim blue. My footsteps echoed as I shivered down the hallways. It is only when you are alone — really, properly, 'everybody else is asleep' alone — that you start to realise where you are. I was underground, on a strange planet, far away from my real home.

I started to worry. What if the colony wasn't safe? What if there were aliens hiding just beyond the valley waiting to gobble us up? What if everyone else in the colony had mysteriously vanished and it was just me, alone with my echoing footsteps?

I was so scared that when I got to the corner between

Elijah's corridor and mine, I stopped. I was sure that I could hear deep, hissing breaths and strange slurping noises. Before I could stop it, my brain had conjured an alien: big and purple and oozing, with one enormous eye. I wanted to scream. I wanted to run. But I was frozen to the spot.

Then, a long way off, I heard a BANG!

I jumped and dashed round the bend and in through the front door. As soon as I got inside, I could hear Mum snoring and I stopped being scared. I went straight to bed.

I still don't feel tired, though. I've decided that, if I don't get to sleep soon, I'm going to find my explorer hat and my warmest socks and go looking for the alien that I DEFINITELY heard. After all, explorers can't afford to be scared. They have to face their fears with courage and determination.

Also, how cool would it be to be the first person ever to discover an alien on Mars, the night before my first day of Mars school? I'd be a hero! There would probably be a celebration in my honour — with cake — and everyone would want to be my friend. The teacher would ask me to come

to the front and teach a lesson about how to be a brave explorer. Then, in science, we'd write observations about the alien's behaviour and in English, we'd write news reports to send to Earth and

7:00 a.m.

Oh, no. It looks like I fell asleep in the middle of a sentence and I can't remember what I was going to write. Not only that, but Mum says that I have ink on my face - on my very first day of Mars school! This is so embarrassing.

Sol 42, Mars Year 57, 5:00 p.m.

Dear Diary,

School was not at ALL like I had expected! I don't know how I'm going to survive on this planet if it carries on this way.

First of all, the classroom was the most uninspiring room in the entire world. It had grey walls and grey desks and grey chairs and an actual, old-fashioned interactive whiteboard. At first, I thought the board was cool, like going back to Victorian times or something like that, but then I realised that the lessons were like Victorian lessons, too.

What was even more upsetting was the teacher. She is not a robot with a drawer in her belly for felt-tip pens and glue sticks. She's a human. She's called Ms Kay. She wears a beige cardigan and tan trousers and a taupe shirt. She's VERY dull.

There are sixteen children in the class and they are all different ages. Ellie-May sits at the little table at the front with the little children. The big table at the back is just for teenagers. Elijah and I are on the middle table.

"Letitia's been here the longest," said Ms Kay, pointing to a tall girl with ginger hair. She was sitting at the middle table, too, but she looked a year or two older than me. "I'm sure that she'll be happy to help while you're finding your feet."

Elijah and I greeted everyone as we sat down. Some of them answered back but Letitia didn't even smile. She just folded her arms and scowled.

"You've got writing on your face. Did you know that?" she asked me.

I tried to explain that I had been writing about aliens when I had fallen asleep, but she didn't care.

"You could have washed it off, couldn't you?" she sneered. Letitia didn't seem like a very helpful person, whatever Ms Kay said.

In our maths lesson, we didn't learn Martian maths. We just did ordinary maths using Earth numbers. Elijah said that the questions were too easy for him but Ms Kay said that he had to do them anyway. In English, we read a bit

of an Earth story and then we answered questions in full sentences. I asked if we could read some Mars poetry in the next lesson. Ms Kay gave me a sharp look, like she wanted to pin me to my seat with her eyes. She just said, "Don't be ridiculous."

I didn't mean to be ridiculous. I just wanted to know.

The most exciting thing happened just before lunchtime. Suddenly, in the middle of checking that all Elijah's sentences had capital letters and full stops (which they did, of course, because Elijah is better at English than Shakespeare), an alarm went off. It was so loud that I wrapped my arms over my head. A red light that I hadn't noticed before flashed and lit up the room.

I sprang from my seat, ready to run for the door. There was probably going to be an explosion or an earthquake, or else a tentacled alien was rampaging through the corridors, or an army of Martians was advancing towards the colony! We had to equip ourselves! We had to fight! We had to flee!

However, none of the other children seemed bothered. Ms Kay gestured at me to sit down. She looked at a message

scrolling across an LED display behind her desk.

BIO LAB COOLER FAULT - ELECTRICAL ENG TO BIO LAB

Moments later, the siren stopped and the light went off. The lesson carried on as if nothing had ever happened.

"What was that about?" I whispered. "Why aren't we doing anything?"

Elijah frowned.

"Cooler fault?" I continued. "Surely Mars is cold enough already. And what's an 'electrical eng'?"

Letitia rolled her eyes. "It's short for 'electrical engineer'. And we do need coolers, actually - the samples in the labs need to be kept at exactly the right temperature. You two obviously don't know ANYTHING about Mars."

"I do, too!" I objected.

"I got 99.8% on the Mars Knowledge Test," Elijah added.

"It was part of our training. And I've read five and a half books about Martian rocks and minerals. The half was because I realised that the book was too easy."

Letitia didn't seem at all interested in listening to us. The morning passed by very, VERY slowly.

In the canteen at lunchtime (where they were serving lab-grown meatballs and mashed potato), I looked for Mum to ask what the alarm was about but she was nowhere to be seen. Elijah's dad was eating at the next table so we asked him instead.

"That's the minor emergency alarm. There was a fault in the biology laboratory - a broken cooling system. Your mum will be busy assessing the damage all day, I expect."

In the afternoon, we had a practical lesson. Organising the class, Ms Kay announced that the little table would be going to the kitchen and the middle table would be going to the equipment room. The big table were staying in the classroom to do geography.

Everyone on the middle table, including me and Elijah, stood

up and headed for the classroom door. Our group left; Elijah dithered in the doorway.

"Go on, Elijah," said Ms Kay. "The others will show you where to go."

As we bounce-walked down the corridors, Elijah was clearly moping. "I was looking forward to geography," he told me. "It's my favourite subject. Do you think they'll be doing fieldwork on the surface of Mars?"

Letitia laughed. "Haven't you ever done a geography lesson before? We don't do fieldwork - we just read facts in textbooks. As if they'd let us kids go out onto the surface of Mars!" she jeered.

After that, Elijah looked REALLY miserable.

The equipment room was a long way away, down the long tunnels to the outside part of the colony. A stern man was waiting for us. He wore khaki all over, as if he were in the army, and he had a very neat moustache.

"Right, recruits. Today, I'll be showing you how to clean the

spacesuits," he said.

"Do we get to try them on?" I asked.

"Maybe - if you get your work done quickly," said the man, with a grin.

Mars spacesuits aren't like the ones that we wore on the spacecraft. They're made of a blue, stretchy material and, when they're not being worn, they look like tiny wetsuits with hands and feet. There are big boots to wear on top, built to withstand the tough Mars landscape. The boots have thick soles and leather straps. The helmet is made of dark acrylic sheet and rounded, so it looks a bit like the head of an alien from one of those old movies. There's a network of speakers and microphones so that you can speak to other people and hear what they say back, just the same as if you weren't wearing an airtight suit.

Each suit has an electronic pack that hangs over your shoulders and attaches at the front and back. It's really heavy but it's also really important because it extracts oxygen from the Mars air and regulates your temperature. If it's really sunny, there's a silvery poncho thing that you can wear

on top which reflects the radiation and keeps your spacesuit from disintegrating.

Somebody asked why the sunlight was more dangerous on Mars than Earth; after all, Mars is further away from the Sun than Earth is. I told them what Mum had said about the atmosphere. Turns out that I (well, she) was right! Mr Moustache said that, because there is less atmosphere here to protect us, the sun could do more damage. Even Elijah was impressed that I knew that!

Our job was to 'maintain' the suits. Elijah panicked and said that there was absolutely no way that we should be doing this job because Mars dust is toxic and we would be in danger. Mr Moustache told us not to worry because the suits had already had their first clean and we were going to be given special masks and goggles to wear while we gave them their second clean. I can't think of anything that really needs two cleans, so I thought that the whole activity was a bit pointless. I wasn't going to say that, though, because I REALLY wanted to be allowed to try one on!

The first job that we had to do was brushing. We brushed the spacesuits clean of leftover particles of red Mars dust,

including all the elbow and knee joints and spaces between the fingers. Then, we dusted the helmets until they didn't have a single smudge on them.

If we found anything that didn't look right, like cracked rubber or a loose wire, we had to tell Mr Moustache straight away (he did tell us his real name but I forgot it).

"We always check the suits thoroughly before any mission but the earlier we can spot problems, the sooner we can fix them," said Mr Moustache, marking some cracked rubber that I'd spotted with yellow tape so that it could be mended later.

We each cleaned three whole spacesuits. Once I'd got my last pair of space boots gleaming, I proudly presented them to Mr Moustache.

"May I try it on, now?"

He wriggled his moustache from side to side as he inspected my work. I held my breath. What if I'd left a smudge or a smear? After a moment, he smiled.

"Excellent work, recruit. Now, let's get you into that spacesuit."

The spacesuits take AGES to get on. The blue rubber isn't just skin-tight, it's practically bone-tight. My legs and arms and middle felt completely squashed and squeezed about.

When I put on the space boots, the electronic box and a silvery anti-radiation cape, I felt like a superhero. The last thing to go on was the helmet.

I stood in the middle of the equipment room with my hands on my hips. Everyone gazed at me, probably really impressed. In my mind's eye, the silver cape flapped behind me on the Martian breeze.

Then, I heard a spluttering noise. I spun round to see Letitia stifling a giggle.

"I'm sorry," she said, though I could tell that she wasn't, really. "It's just... you look a bit like an insect."

"Everyone looks strange in Mars suits, Letitia," said Mr. Moustache.

"We'll all have to wear them if we want to go out rock-collecting," said Elijah.

At that, Letitia snorted. "Yeah, right. As if YOU will ever be allowed out of the colony."

It was a shame because, until then, it had been a fun lesson. Now, I am dreading going back to Ms. Kay and having to spend another day with that meanie, Letitia.



Chapter Four: Minor Emergencies

Extract from Jazz's Diary of Adventure

Sol 42, Mars Year 57



To think about while reading:

- 1) At what time is Jazz writing in her diary?
- 2) What does the time of the diary entry tell you about how Jazz feels?
- 3) What is unusual about the end of this diary extract?

Chapter Four: Minor Emergencies

Extract from Jazz's Diary of Adventure

Sol 42, Mars Year 57

After reading the chapter:

- 1) Why couldn't Jazz get in touch with Elijah?
- 2) What did Jazz worry about when she was on the corridor?
- 3) What does Jazz mean when she says that 'explorers can't afford to be scared'?
- 4) Why did Jazz start writing again at 7 a.m.?
- 5) How do you predict Jazz's school day will go? Explain your thinking.



Chapter Four: Minor Emergencies

Extract from Jazz's Diary of Adventure

Sol 42, Mars Year 57



To think about while reading:

- 1) Which other characters do we meet in this chapter?
- 2) Do you think there are many children in the colony? Why?
- 3) How do you think Jazz feels at the end of the school day compared with the night before?

Chapter Four: Minor Emergencies

Extract from Jazz's Diary of Adventure

Sol 42, Mars Year 57

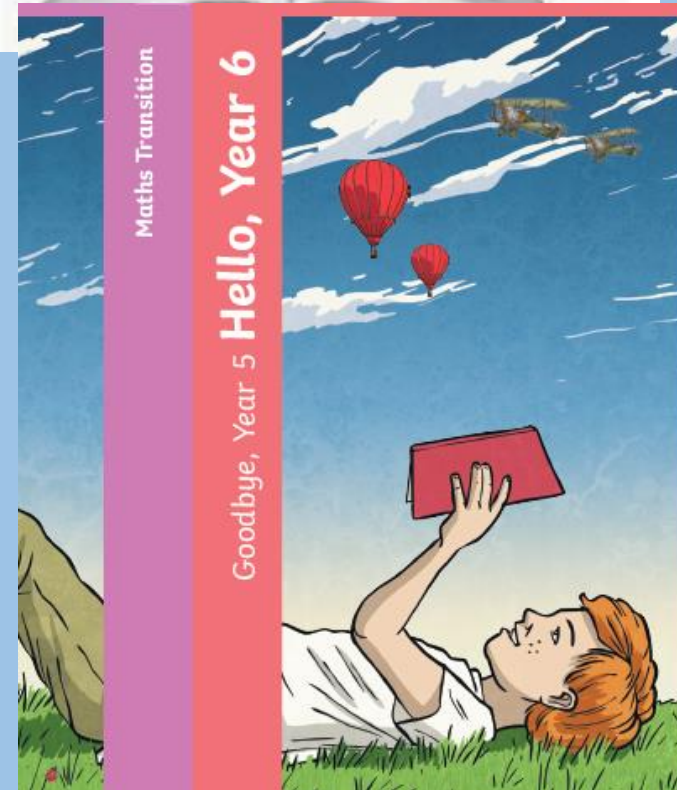
After reading the chapter:

- 1) Why does Jazz say that she won't be able to 'survive on this planet if it carries on this way'?
- 2) Why does Jazz say that the whiteboard is like it is from Victorian times?
- 3) What does the word 'sneered' tell us about Letitia?
- 4) Define 'maintain'.
- 5) What do you think of Mr Moustache's character?



Maths

This week we're going to be looking at a Maths Transition Booklet – Goodbye Year 5, Hello Year 6. Enjoy!



Place Value Mystery Number

Work with a partner or in a group to solve this puzzle.

Use these clues to find the missing number.

The **mystery number** has been ordered with these numbers.

263 872	264 302	?	279 187
---------	---------	---	---------

smallest

greatest

Rounded to the nearest **ten thousand**, the mystery number is **270 000**.

If you count back from the **mystery number** in **thousands**, you will come to the number **84**.

The digit sum of the **mystery number** is **27**.

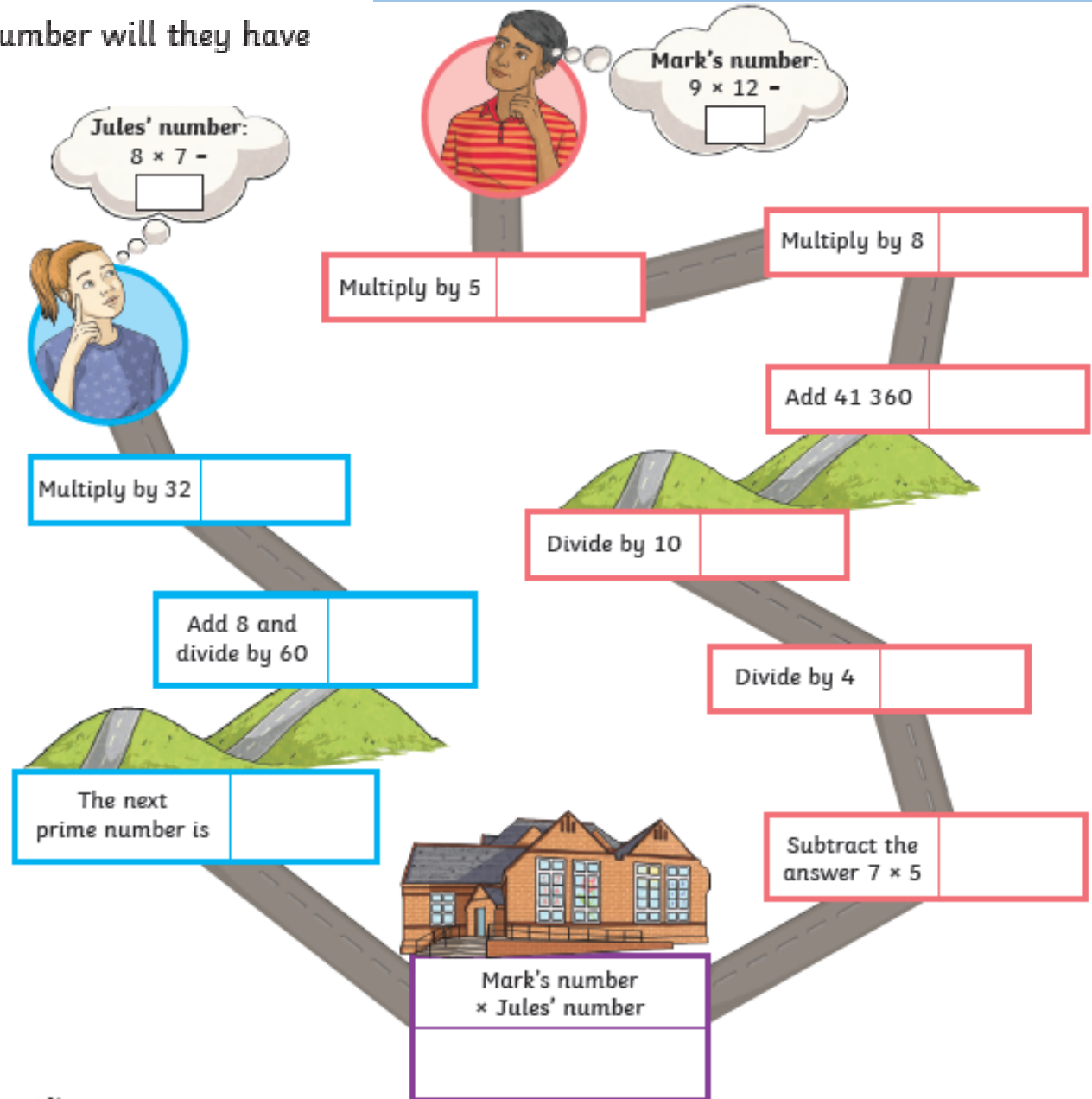
The mystery number is _____.

Try by yourself or ask a family member or friend to help. You could ask a friend or for help on Teams if you need to.

Think of your own mystery number. Can you write clues about your mystery number?

Calculation Course

Mark and Jules are going to school. They both set off from their homes with a number. Their numbers change as they make their way along the paths. What number will they have when they reach school?



Place Value Mystery Number Answers

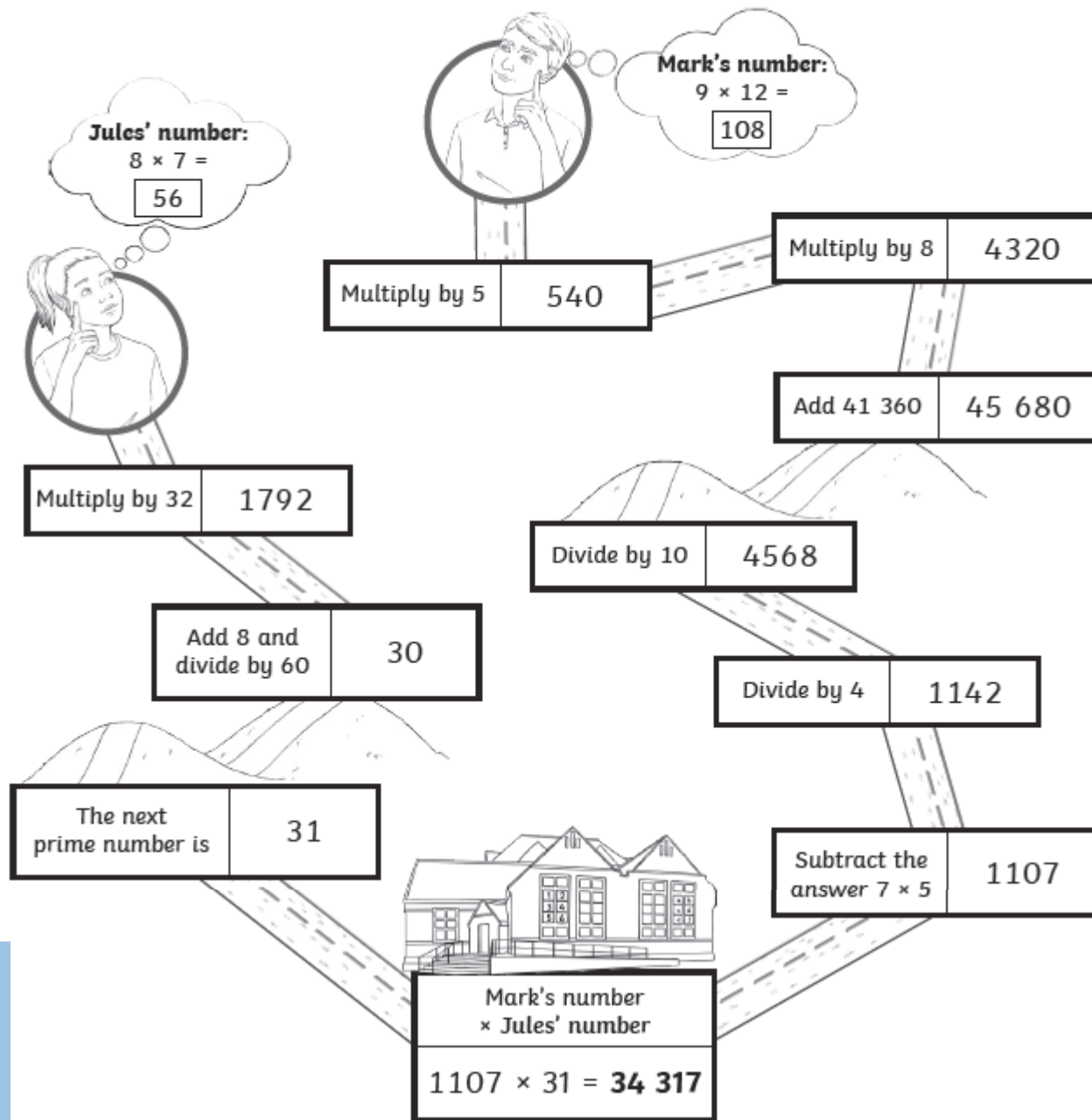
Work with a partner or in a group to solve this puzzle.

Use these clues to find the missing number.

The mystery number has been ordered with these numbers.				If you count back from the mystery number in thousands , you will come to the number 84 .
263 872	264 302	?	279 187	
smallest			greatest	
Rounded to the nearest ten thousand , the mystery number is 270 000 .				The digit sum of the mystery number is 27 .

The mystery number is **267 084**.

Answers





Take a break – stretch your legs and arms. Have a walk around.
Go outside if you can for some fresh air.

Keep up the hard work 😊

Spelling



Adding the
Suffix -ness

For this week's spellings, we are looking at words that are created by adding the suffix –ness.

Can you spot the –ness suffix word in this sentence?



Because of its fierceness, the new lion had to be kept in its own separate enclosure at the zoo.

It is a **noun** that has been created by adding –ness to an adjective.

Many words (but not all) that end in the suffix –ness are a special type of noun called an ‘abstract noun’.

Can you spot the –ness suffix word in this sentence?

Due to his carelessness behind the wheel,
Charles caused a traffic accident.



Abstract nouns describe a state of mind, a feeling, a quality or a characteristic that you cannot physically see.

Sort the words into the correct place in the table:

Root word remains unchanged when
-ness added.

Root word changes when
-ness added.

carelessness

madness

nastiness

hardness

willingness

silliness

childishness

happiness

foolishness

tidiness

Use the list below and write the spelling of each word in your best handwriting. Look up and write down the definitions of any words you don't know.

Get a family member to test you and see how many words you spell correctly.

Adding the Suffix -ness

happiness

tidiness

hardness

childishness

madness

willingness

nastiness

carelessness

silliness

foolishness

You can also use the practise method sheet on the next page to practise writing out your words

Complete the challenge worksheet

1. ABC Order



Write all of your spelling words in alphabetical (ABC) order.

2. Word Parts

Write your words. Then use a coloured pencil to divide the words into syllables.
e.g. jumping
caterpillar

3. Other Handed

Write each word 5 times, switching the hand you write it with each time. Say the word as you spell it.

4. Vowel Spotlight

Write your words using one colour for the vowels and another colour for the consonants.
(vowels: a, e, i, o, u)

5. Use Technology

Type out your spelling words on the computer. Try to use at least 4 different fonts.



6. Pyramid Words

s
sp
spe
spel
spell
spelli
spellin
spelling
(or make them boat shaped, star, smiley face, etc.)

7. "Ransom" Words

"Write" your words by cutting letters out of a newspaper or magazine and gluing the letters on a piece of paper to spell your words.



8. Rainbow Words

Write your spelling words with coloured pencils. Make each letter a different colour.



Adding the Suffix -ness

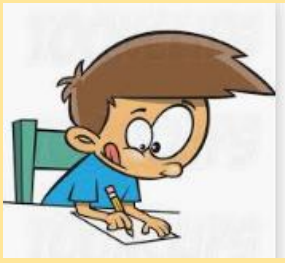
s n l a z l m l i q g d u j s
s h l w i l l i n g n e s s a
e p s s e n s s e l e r a c q
n z d a a h h k g h k b h b s
i a m d g h x r a l p i q b s
t t f n h b l p n z l a r i e
s q b l y z p j k d g d l e n
a o r v g i s d i u s l h s h
n a r y n z q s m s i f s m s
o q u e a q h a e n r e m y i
h m s f q n d n e n n f w j l
z s j z e n i s b d d t i o o
w j g s e d s s i v d r m h o
l o s s i y f p e u z k a a f
c j s t j d h g w q k h a h g

happiness nastiness childishness



hardness silliness willingness foolishness

madness tidiness carelessness





Writing




Monday 13th July

Welcome to the last series of English lessons for year 5!

This week we are going to have a mix of tasks to see what you have retained from your English learning.

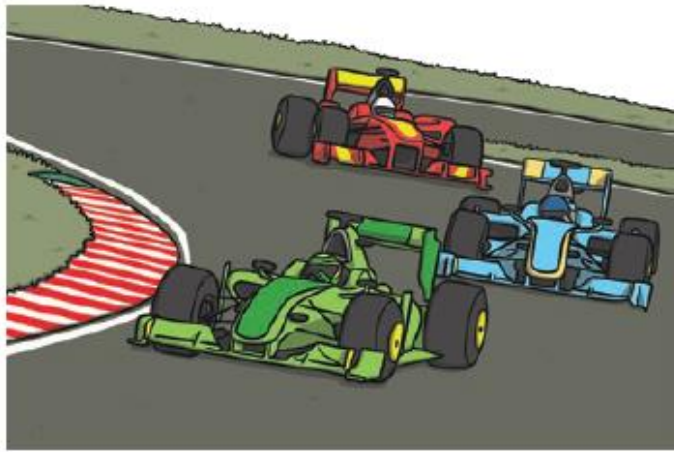
We will finish with a memory sheet to celebrate your time in year 5.



Can you add modal verbs in the following sentence?

a

The green car _____ win the championship if he _____ just stay in front of the following pack.



Circle all the determiners in the sentence.

b

During the night, the fox crept into the garden.

Poor Mr Whoops can't work out whether to add the suffix '**ant**' or '**ent**'. Can you help him with these words?

c

differ _____

contest _____

persist _____



d

Can you think of an adverb of possibility, an adjective and a past tense verb beginning with...

	the letter p?	the letter c?
adverb of possibility		
adjective		
past tense verb		

Add appropriate punctuation to show the parenthesis in this sentence.

Tom Daley the Olympic bronze medallist is a great role model for young people in society.



There are 8 sentences below. Read them.

Where do the sentences begin and end? Draw a / where you think each one begins and ends.

what was that asked laila boom it crashed into the field and started
burning the grass around it let's go and have a look replied adil they
approached the hot burning ball carefully don't touch it warned laila after
a while they examined the curious object the children then decided to run
back home and call for help

Now write out the sentences using the correct punctuation. C . ! ? , " "



LUNCH TIME!



Get outside if the weather is nice, or try and do some exercise or meditation. Try Just Dance, Go Noodle or Joe Wickes fitness videos



<https://www.gonoodle.com/>
<https://www.youtube.com/user/CosmicKidsYoga>
<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ>
https://www.youtube.com/results?search_query=just+dance



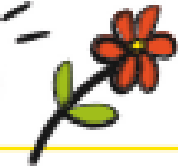
Topic – pick one of the following tasks

Screen Free Challenge: Pick one of these activities to do in the afternoon for some screen free time. You could do one a day or just have one or two afternoons of screen free time this week. Enjoy!

21 How many words can you think of that rhyme with WRITE?



22 Write a recipe for 'Springtime'. What will you include? Flowers? Sunshine? What else?



23 Use your body to make the shape of a letter. How many more can you make? Can you make every letter in the alphabet?

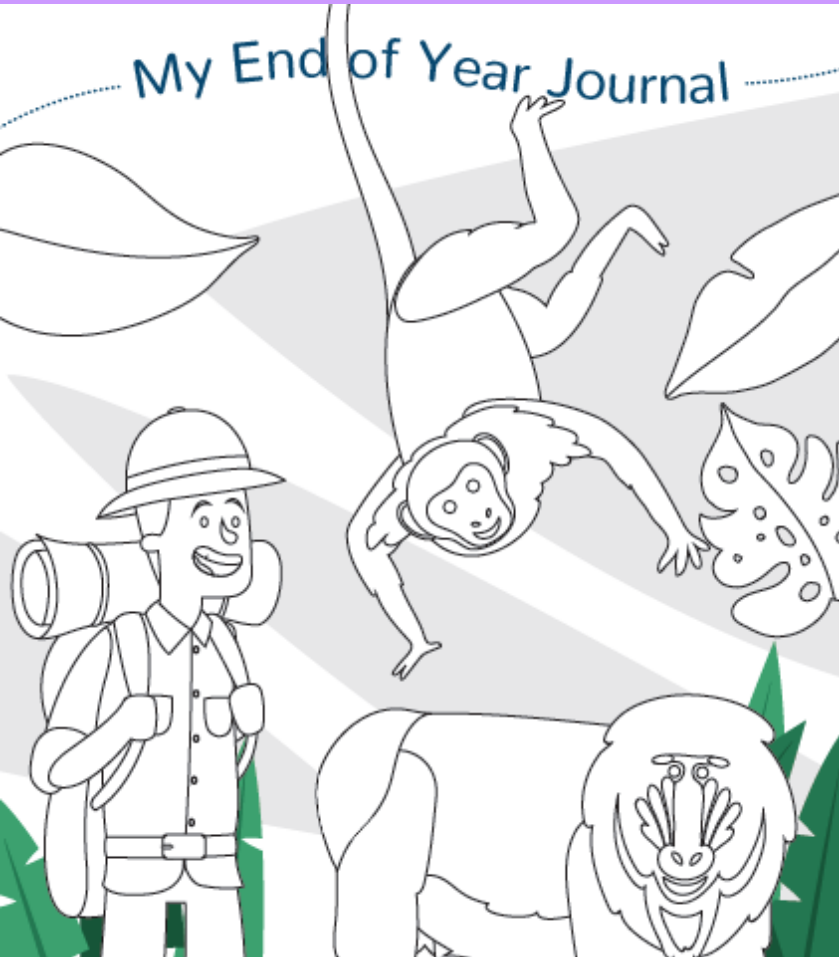
24 Play alphabet bingo!
Can you spot an item in your home or garden that starts with the letter a,b,c and so on?

ABC

25 Start a diary. Write a short entry every day about what you do and how you feel. It will be good to look back on when you're older.

Topic

This week is going to be different from normal – we are going to do some reflecting and transition work, ready for your move to Year 6 next year. We are all very sad to see you leave Year 5 but we've had some brilliant times this year for us all to remember and we hope you'll pop back in and see us if possible from next year, letting us know how you're getting on. We will miss you all lots (apart from those of you lucky enough to have Miss Thomassen again – you'll still get to see her!).



A Rainforest Adventure!

A space to write about who you are and to draw yourself.



A little bit about me.

A large rectangular box with horizontal lines for writing, intended for a student to describe themselves. A small illustration of a monkey hanging from a vine is positioned on the right side of the box.

Me hanging from the tree...



Three facts about me!

Three numbered lines for writing facts about oneself, each followed by a horizontal line for the answer.



Setting Up Camp.

This is what I have enjoyed by being in my classroom this year.



What I have enjoyed the most about this school year.

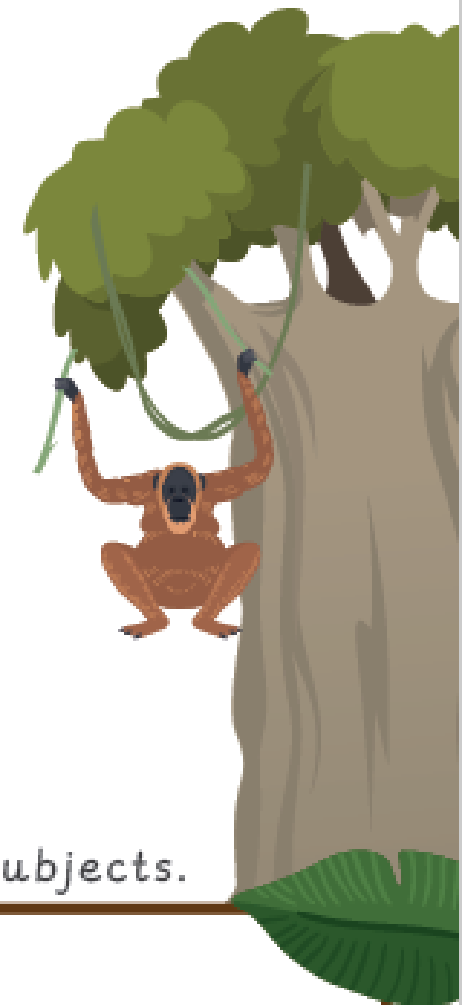
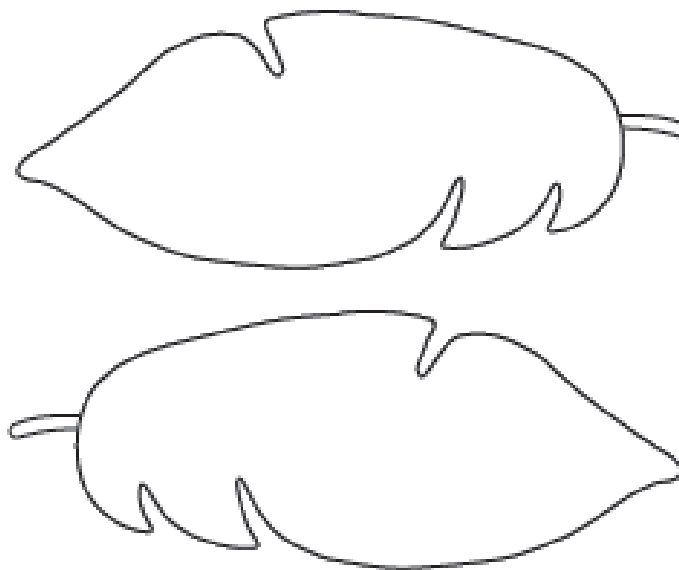
Handwriting practice lines for the first section.

I know it's been a while since you've been here but hopefully you still have positive memories!

Handwriting practice lines for the second section.



My favourite subjects this year have been...



Why I have enjoyed these subjects.

Handwriting practice lines for the final section.

My Jungle Training!

Reflect on all the amazing things you have learned this year.



When I first started my learning journey this year, I already knew so much.

As we explored new subjects and topics, I discovered even more knowledge and skills!

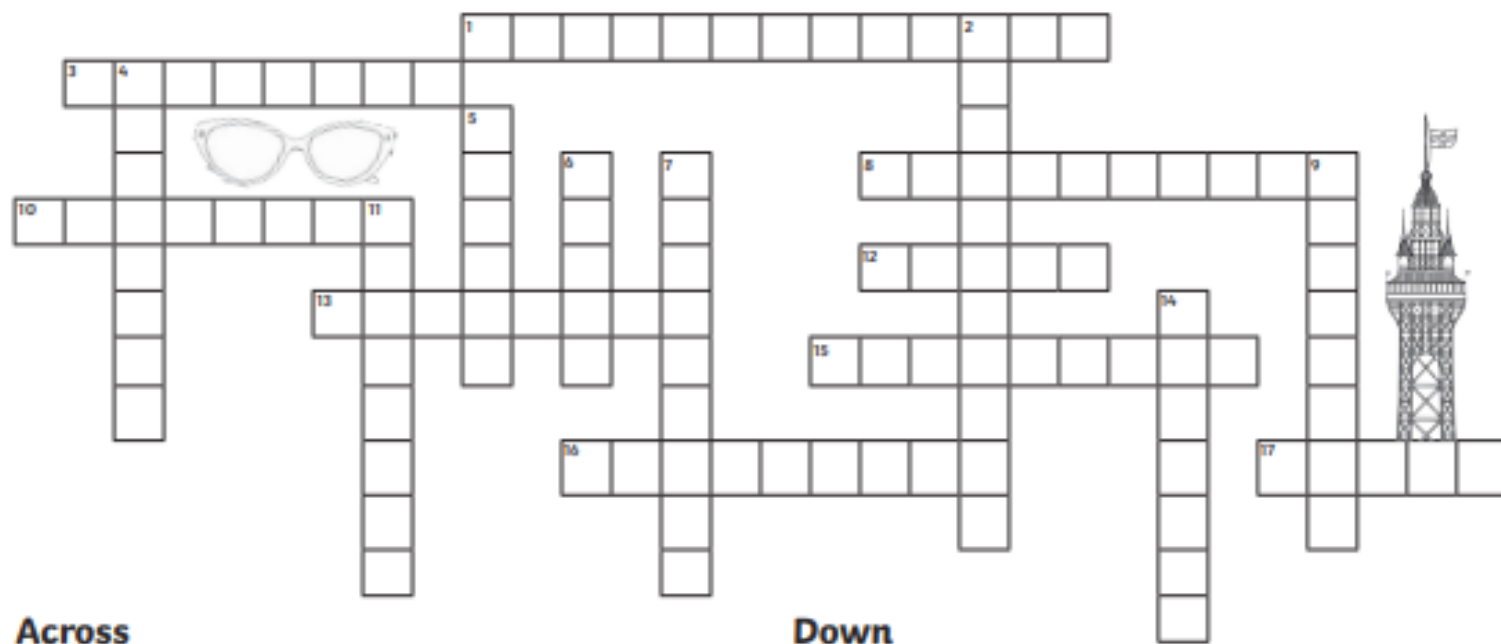
I learned how to...



Handwriting practice area with a pink border and horizontal lines for writing.

Summer Holiday

Use the clues to help you complete this Summer holiday crossword.



Across

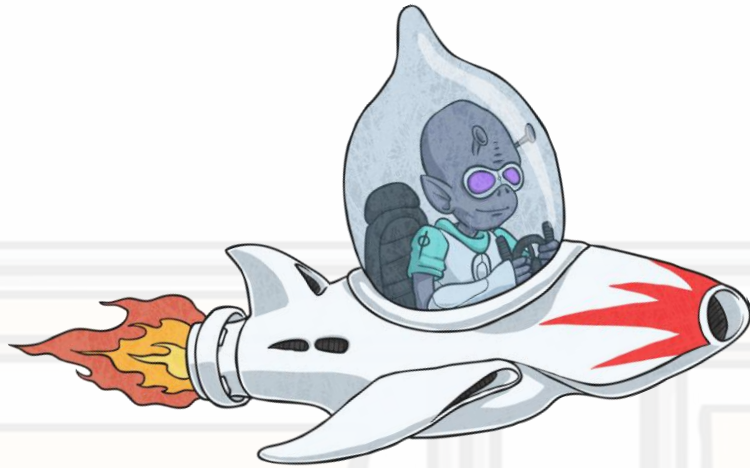
1. A UK landmark where the crown jewels are situated. (5,2,6)
3. Item used to carry your clothes and belongings when travelling. (8)
8. An item used to protect the eyes from sunlight. (10)
10. A UK county with hundreds of sandy beaches, culminating at Land's End. (8)
12. A holiday location where you might encounter pyramids, sarcophagi and a sphinx. (5)
13. A cold dessert usually eaten in a cone. (3,5)
15. A mode of transport often used to get to a holiday destination. (9)
16. A popular UK holiday town famous for its tower, illuminations and theme park attractions. (9)
17. The city where the Eiffel Tower is located (5)

Down

2. Theme park that has a fairy castle and a famous mouse. (6,5)
4. People often sit below this (especially at the beach) to protect them from sunlight. (8)
5. This holiday destination is famous for its history and famous buildings such as the Parthenon and the Temple of Zeus. (6)
6. Item taken to the beach to lie on or dry yourself with. (5)
7. An entertainment venue with rides, attractions and shows. (5,4)
9. Something you apply to your skin to protect it from burning whilst on holiday (3,5)
11. A famous tourist location in Scotland where a monster is said to live. (4,4)
14. During a trip to Wales, people often climb its highest mountain which is called...(7)

Would You Rather?

Visit one hundred years
into the future?



Visit one hundred years
into the past?



Explain your reasons.

Would You Rather?

Meet your favourite musician?



Meet your sporting hero?



Explain your reasons.



What else can I do today?

- Read for 30 minutes – Take an AR quiz
- PiXL Voab App
- Times tables (Hit the Button, TT Rockstars, TopMarks, PiXL Times tables)
- Arthub
- Newsround