Plattsburg Public School
Learning from Home
Stage 3
Group 2



# Learning From Home 

## Suggested Daily Timetable

| Suggested <br> Times | Online Activities | Offline Activities |
| :--- | :--- | :--- |
| 9.00 | Comprehension and Grammar | Comprehension and Grammar |
| 9.20 | Activity 1 - Reading | Activity 1 - Reading |
| 9.50 | Activity 2 - Spelling | Activity 2 - Spelling |
| 10.05 | Fruit Break and Storyline Online | Fruit Break and listen to someone <br> read |
| 10.20 | Activity 3 - Writing | Activity 3 - Writing |
| 11.00 | Recess break and play outside (if possible) |  |
| 11.50 | Maths Challenge of the Day | Maths Challenge of the Day |
| 12.10 | Maths lesson | Maths lesson |
| 1.00 | Prodigy/Online activity | Maths game/Hands on activity |
| 1.25 | Lunch break and play outside (if possible) |  |
| 2.05 | KLA Matrix Activity | KLA Matrix Activity |
| 3.00 | End of school day | End of school day |



| Monday | Tuesday | Wednesday | Thursday | Friday |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Online Learning |  |  |  |  |  |  |

## Comprehension and Grammar

Find the daily comprehension and grammar activity on Google Classroom. Read or view the text provided and complete the questions.

| Activity 1 (Reading): | Activity 1 (Reading): | Activity 1 (Reading): | Activity 1 (Reading): | Activity 1 (Reading): |
| :---: | :---: | :---: | :---: | :---: |
| Listen to the audiobook of 'Spaghetti Pig Out' online. A link to the text if you wish to read instead will be on Google Classroom. <br> https://www.youtube.com/wat ch? $\mathrm{v}=\mathrm{QKVaT7Jq8bQ}$ | Complete the comprehension activity based on the book 'Spaghetti Pig Out' that you listened to yesterday. You will find this in your Google Classroom. | Write a summary for the book 'Spaghetti Pig Out' that you listened to on Monday. Post this to the corresponding activity in your Google Classroom. | Imagine you are a newspaper reporter writing about ‘The Great Spaghetti Pig Out'. A blank newspaper article is in your Google Classroom for you to fill in. Don't forget to create an attentiongrabbing headline and to change the picture. Then submit it. | Complete a review of the story 'Spaghetti Pig Out'. Make sure you give it a rating out of ten and explain why you gave it this rating. |
| Activity 2 (Spelling): | Activity 2 (Spelling): | Activity 2 (Spelling): | Activity 2 (Spelling): | Activity 2 (Spelling): |
| Write out your spelling words for this week TWICE in your workbook. <br> 1. rain <br> 2. than <br> 3. wore <br> 4. inside <br> 5. along <br> 6. across <br> 7. packed <br> 8. early <br> 9. serve <br> 10. walking <br> 11. running <br> 12. sudden <br> 13. anything <br> 14. inactive <br> 15. indoors | Roll and Spell. <br> Roll a dice for each of your spelling words. What you rolled will tell you how to write your word. A copy of what each dice roll means is in this booklet and in Google Classroom. <br> Take a photo and post to the corresponding Google Classroom activity. | Dictionary Dig: Find 5 adjectives that end with the letter ' t '. <br> Take a photo or type them and post to the corresponding Google Classroom activity. | Make a word cloud of your spelling words using Word It Out online: https://worditout.com/wordcloud/create <br> Screenshot your created word cloud and post to the corresponding Google Classroom activity. | Complete your online spelling test in Google Classroom. |

## Fruit Break and Storyline Online:

Eat something fresh and enjoy Lotus and Feather'-
https://storylineonline.net/books/lot us-and-feather/

## Activity 3 (Writing):

## What would you ask?

Think of someone you would like to write a biography about. They could be someone really famous or someone not known by many people. They may be someone who lived a long time ago.

Write 10 questions you could ask them in an interview. (It doesn't matter if they are no longer alive, just imagine that you could ask them these questions).

Upload these questions to Google Classroom.

## Fruit Break and Storyline Online:

Eat something fresh and enjoy 'My Rotten Redheaded Older Brother'-
https://storylineonline.net/books/my -rotten-redheaded-older-brother/ Activity 3 (Writing):

An Informative Documentary.
Imagine you are going to create an informative documentary. Choose a real-life subject for the documentary. It could be a person, a place, an animal (even your pet) or something else.

1. Decide who your audience is. How are you going to get them and keep them interested?
2. Sketch some images or find/take some images for the start of your documentary. Remember you want to have your audience interested. You will need about 10 images.
3. Hold onto these for tomorrow's activity.

Fruit Break and Storyline Online:
Eat something fresh and enjoy 'No mirrors in my Nana's House' -https://storylineonline.net/books/no-mirrors-in-my-nanas-housel Activity 3 (Writing):

Continuing the work from yesterday, write a voice over to be read out loud with your images. A voice over is the words spoken by a narrator. The audience hears the words but does not see who speaks them.

Your voice over should give the person watching the images information about them.

Hold onto this voice over and your images for tomorrow's activity.

## Fruit Break and Storyline Online:

Eat something fresh and enjoy 'Please Please the bees'-
https://storylineonline.net/books/ple ase-please-bees/
Activity 3 (Writing):

Use Google Slides to place your images from Tuesday, one per slide. In the spot at the bottom where it says 'Click to add speakers notes' add what you would voice over each image with from what you came up with yesterday.

For example, you might have a picture of your dog on the first slide. And in the speakers notes section you might write - This is my dog Mya, she is a five year old wolfhound cross. You are about to hear all about this amazing animal as you embark on a journey through her life in this slideshow.

Upload your Google Slides documentary to the corresponding Google Classroom activity. If you can record your notes using an audio recorder and insert them onto your slideshow, you are welcome to do so, this is not necessary though, just an added extra.

## Fruit Break and Storyline Online:

Eat something fresh and enjoy 'Private I, Guana'-
https://storylineonline.net/books/pri vate-i-guanal Activity 3 (Writing):

Write a TEEC paragraph about the subject of your documentary from this week. It should be a 4 sentence TEEC paragraph. Remember TEEC stands for:
$T=$ Topic Sentence
$\mathrm{E}=$ Explain. Give detail about your topic sentence
$\mathrm{E}=$ Example. Give a fact or statistic to back up what you've said.
$C=$ Conclusion. Sum up the paragraph.

When you've finished writing, edit and publish your TEEC paragraph. Then submit it on Google Classroom.

## Offline Learning

## Comprehension and Grammar

Complete the daily comprehension and grammar activity in your booklet. Read or view the text provided and complete the questions.

|  |  |  | Activity 1 (Reading): | Activity 1 (Reading): |
| :---: | :---: | :---: | :---: | :---: |
| Read a book to a family member. <br> Discuss the book with them, including the main events and different ways you could finish the story. | Read the story 'Smart Ice Cream' found in this work booklet. | Write a summary for the book 'Smart Ice Cream' that you read yesterday. | Rewrite the story 'Smart Ice Cream' as a children's picture book. Make sure you simplify the story and include pictures. | Complete a review of the story 'Smart Ice Cream'. Make sure you give it a rating out of ten and explain why you gave it this rating. |
| Activity 2 (Spelling): | Activity 2 (Spelling): | Activity 2 (Spelling | Activity 2 (Spelling): | Activity 2 (Spelling): |
| Write out your spelling words for this week TWICE in your workbook. <br> 1. rain <br> 2. than <br> 3. wore <br> 4. inside <br> 5. along <br> 6. across <br> 7. packed <br> 8. early <br> 9. serve <br> 10. walking <br> 11. running <br> 12. sudden <br> 13. anything <br> 14. inactive <br> 15. indoors | Roll and Spell. <br> Roll a dice for each of your spelling words. What you rolled will tell you how to write your word. A copy of what each dice roll means is in this booklet. Write them in your workbook. | Dictionary Dig. <br> Find 5 adjectives that end with the letter ' 't'. Write them into your workbook. | Alphabetical Order. <br> Write your words out in alphabetical order in your workbook. | Ask an adult to give you your spelling test. |
| Fruit Break and Storyline Online: | Fruit Break and Storyline Online: | Fruit Break and Storyline Online: | Fruit Break and Storyline Online: | Fruit Break and Storyline Online: |
| Eat something fresh and get a family member in your home or over the phone to read you a story. | Eat something fresh and get a family member in your home or over the phone to read you a story. | Eat something fresh and get a family member in your home or over the phone to read you a story. | Eat something fresh and get a family member in your home or over the phone to read you a story. | Eat something fresh and get a family member in your home or over the phone to read you a story. |

## Activity 3 (Writing):

What would you ask?
Think of someone you would like to write a biography about. They could be someone really famous or someone not known by many people. They may be someone who lived a long time ago.

Write 10 questions you could ask them in an interview. (It doesn't matter if they are no longer alive, just imagine that you could ask them these questions).

Write these questions in your workbook.

Activity 3 (Writing):

An Informative Documentary.
Imagine you are going to create an informative documentary. Choose a real-life subject for the documentary. It could be a person, a place, an animal (even your pet) or something else.

1. Decide who your audience is. How are you going to get them and keep them interested?
2. Sketch some images or find some photos for the start of your documentary. Remember you want to have your audience interested. You will need about 10 images.
3. Hold onto these for tomorrow's activity.

## Activity 3 (Writing):

An Informative Documentary.
Continuing the work from yesterday, write a voice over to be read out loud with your images. A voice over is the words spoken by a narrator. The audience hears the words but does not see who speaks them.

Your voice over should give the person watching the images information about them.

Hold onto this voice over and your images for tomorrow's activity.

## Activity 3 (Writing):

Using your workbook, organize your images (one per page) from Tuesday. Underneath write what you would voice over each image with from what you came up with yesterday, so it looks like a presentation/storyboard.

For example, you might have a picture of your dog on the first page. And underneath you might write - This is my dog Mya, she is a five year old wolfhound cross. You are about to hear all about this amazing animal as you embark on a journey through her life in this presentation.

## Activity 3 (Writing):

Write one paragraph about the subject of your documentary from this week. It should be a 4 sentence TEEC paragraph. Remember TEEC stands for:
$T=$ Topic Sentence
$\mathrm{E}=$ Explain. Give detail about your topic sentence
$\mathrm{E}=$ Example. Give a fact or statistic to back up what you've said.
$C=$ Conclusion. Sum up the paragraph.

When you've finished writing, edit and publish your paragraph.
(1.) Which preposition best fits this sentence?
The vampire-girl bit Ellis sometime ..................... midnight.
(a) around
(b) between
(c) at
2. Which words in this sentence are adjectives describing nouns; e.g. a dark night?
The extra hour of work that night made Ellis feel tired.
(a) that, night
(b) hour, work
(c) extra, tired
(3.) Which phrase uses an apostrophe to show possession (ownership)?
(a) he'd wondered
(b) the driver's seat
(c) hadn't heard
4. Choose the best verbs for this sentence.
Ellis....
by
a vampire.
(a) was bitten
(b) were bitten
(c) had bitten
5. Which is the correct punctuation to use at the end of this sentence?
There's a vampire behind you
(a) !!!?
(b) !
(c) :
6. Adverbs can tell how (manner), when (time) or where (place) something happened. Which word is an adverb in this sentence?
He'd wondered briefly why people had left the town.
(a) briefly
(b) people
(c) town
7. In this sentence the word soon is an adverb of:
He hoped she would get off the bus soon.
(a) manner
(b) time
(c) place


+ Ellis's heart raced when he was scared. Write about a time when your heart was racing because you were scared or excited.
- The author wrote that 'Driving a bus might not be a great job'. Do you agree or disagree with the writer's opinion? Write a short response agreeing or disagreeing with this opinion.


## The last passengers

1. Ellis sighed as he drove the bus down the dark street. It was nearly the end of his working day. He was tired and wanted to go home, put his fe up, and eat some food.
2. Not that Ellis had really done much. He normally drove the number 92 bus in the mornings and spent the rest of the day watching TV and eating Today had been different. Instead of his normal three-hour morning shift, Ellis had had to do four-hour night shift. The extra hour of work was almost too much for Ellis.
3. Driving a bus might not be a great job, but Ellis was lucky to have it. He hadn't finished school and wasn't very clever. He had moved here, alone, to Batton about a year ago for this job. Ellis had noticed that there were
always lots of jobs going in Batton before he had moved there. He'd wondee), always lots of jobs going in Batton before he had moved there. $\mathrm{He}^{\prime} \mathrm{d}$ wonde)ed,
briefly, where the people who had left their jobs had gone, and why they had left.
4. Ellis sighed again, shifted his large bottom on the driver's seat, and pushed another handful of peanuts into his mouth. He looked at his watch-it was nearly midnightthen looked back into the bus in the rear view mirror.
5. Just one passenger left; a little girl, right at the back of the bus. He hoped she would get off soon. He turned a corner and glanced up to the mirror again. The girl was now in the middle of the bus. Staring at him. He blinked in surprise. He hadn't heard her move.
6. Frowning, he checked the mirror again. She was in the seat right behind him! He could just see her eyes in the mirror. They were a strange colour ... almost red. The way she was staring at his neck made his skin crawl, and his heart started to beat faster. When the 'stop' bell rang, he felt very relieved.
7. He looked out the window as he pulled over. They had stopped at the Batton graveyard. Ellis turned quickly, just in time to see the girl rush towards him. Her mouth was open, showing two long teeth, like fangs, which she sunk deep into the side of his neck.
8. As life slipped away from Ellis, he felt no fear or pain. His last living thought was that now he knew why there were always lots of jobs going in Batton

## All about words

We can conclude the little girl was a vampire because she:
(a) had strange-coloured eyes.
(b) bit the side of Ellis's neck with two long, fang-like teeth.
(c) was on a bus at midnight.
2. What is a shift (Paragraph 2)?
(a) a person's scheduled time of work
(b) the part of the car that changes gears
(c) a kind of shitt a person wears
3. What was the effect of the girl biting Ellis's neck?
(a) He felt scared,
(b) He died:
(c) The girl got off the bus.
4. Why were they always looking for new workers in Batton?
(a) People were being killed by . one or more vampires.
(b) People didn't like it there.
(c) People thought it was boring.
5. In Paragraph 6, Ellis's heart started to beat faster because he was:
(a) scared
(b) heavy
(C) tired.
6. The main idea of Paragraph 2 is that Ellis:
(a) didn't do very much.
(b) didn't eat much.
(c) didn't have ajob.
7. 'Just before the girl bit him, Ellis saw the girl had:
(a) moved seats:
(b) two long teeth like fangs.*
(c) red eyes.
g. The main way the characters are different is that one is a vampire; the other is:
(a) , scared.
(b) an adult.
(C) human.
9. What might have happened if Ellis had not done the night shift? He might:
(a) have done the afternoon shift.
(b) still be alive. .
(c) have not eaten peanuts.
10. What is the name of the place where the main character lives?
(a) Ellis
(b) Batton
(c) graveyard

1. Which word from the text means a large, sharp tooth?

Which word rhymes with bite?
(a) craw!
(b) fang
(c) teeth.
2. The word last can have different meanings. Which meaning does it have in Paragraph 8?
(a) to remain fresh.
(b) 'on the most recent occasion'
(c) the final thing to happen; in the - end

Which words ending in -ly describe how something is done?
(a) family,only
(b) quickly, normally
(c) apply, jelly .
4. What sound do the letters igh make in the words right and. bright?
(a) 'long 'i' sound as in 'pie'
(b) short' 'o' sound as in 'off'.
(c) short ' 1 ' sound as in 'sip"

If something makes your skin. crawl, it is very:
(a) unpleasant or scary
(b) sticky"
(c) insect-like
(a) brief
(b) beat
(c) might
7. In which word does the letter $c$ make the same soft $s$ sound as in glance?
(a) notice
(b) checked
(c) could

Which word below belongs in this group of words?
wheel mirror seat
(a) bus.
(b) bottóm
(c) back
9. Which word uses the spelling rule 'i comes before e except after c '?

- (a) instead
(b) relieved
(c) noticed

Which word means to look at quickly?
(a), check
(b) glance
(c) vision

## Smart Ice Cream

by Paul Jennings

Well, I came top of the class again. One hundred out of one hundred for Maths. And one hundred out of one hundred for English. I'm just a natural brain, the best there is. There isn't one kid in the class who can come near me. Next to me they are all dumb.

Even when I was a baby I was smart. The day that I was born my mother started tickling me. "Bub, bub, bub," she said.
"Cut it out, Mum," I told her. "That tickles." She nearly fell out of bed when I said that. I was very advanced for my age.

(11)

Every year I win a lot of prizes: top of the class, top of the school, stuff like that. I won a prize for spelling when I was only three years old. I am a terrific speller. If you can say it, I can spell it. Nobody can trick me on spelling. I can spell every word there is.

Some kids don't like me; I know that for a fact. They say I'm a show-off. I don't care. They are just jealous because they are not as clever as me. I'm good-looking too. That's another reason why they are jealous.

Last week something bad happened. Another kid got one hundred out of one hundred for Maths too. That never happened before-no one has ever done as well as me. I am always first on my own. A kid called Jerome Dadian beat me. He must have cheated. I was sure he cheated. It had something to do with that ice cream. I was sure of it. I decided to find out what was going on; I wasn't going to let anyone pull a fast one on me.

It all started with the ice cream man. Mr. Peppi. The old fool had a van which he parked outside the school. He sold ice cream, all different types. He had every flavor there is, and some that I had never heard of before.

He didn't like me very much. He told me off once. "Go to the back of the queue," he said. "You pushed in."
"Mind your own business, Pop," I told him. "Just hand over the ice cream."
"No," he said. "I won't serve you unless you go to the back."

I went round to the back of the van, but I didn't get in the queue. I took out a nail and made a long scratch on his rotten old van. He had just had it painted. Peppi came and had a look. Tears came into his eyes. "You are a bad boy," he said. "One day you will get into trouble. You think you are smart. One day you will be too smart."

I just laughed and walked off. I knew he wouldn't do anything. He was too soft-hearted. He was always giving free ice creams to kids that had no money. He felt sorry for poor people. The silly fool.

There were a lot of stories going round about that ice cream. People said that it was good for you. Some kids said it made you better when you were sick. One of the teachers called it "Happy Ice Cream." I didn't believe it, it never made me happy.

All the same, there was something strange about it. Take Pimples Peterson for example. That wasn't his real name-I just called him that because he had
a lot of pimples. Anyway, Peppi heard me call Peterson "Pimples." "You are a real mean boy," he said. "You are always picking on someone else, just because they are not like you."
"Get lost, Peppi," I said. "Go and flog your ice cream somewhere else."

Peppi didn't answer me. Instead he spoke to Pimples. "Here, eat this," he told him. He handed Peterson an ice cream. It was the biggest ice cream I had ever seen. It was colored purple. Peterson wasn't too sure about it. He didn't think he had enough money for such a big ice cream.
"Go on," said Mr. Peppi. "Eat it. I am giving it to you for nothing. It will get rid of your pimples."

I laughed and laughed. Ice cream doesn't get rid of pimples, it gives you pimples. Anyway, the next day when Peterson came to school he had no pimples. Not one. I couldn't believe it. The ice cream had cured his pimples.

There were some other strange things that happened too. There was a kid at the school who had a long nose. Boy, was it long. He looked like Pinocchio. When he blew it you could hear it a mile way. I called him "Snozzle." He didn't like being called Snozzle. He used to go red in the face when I
said it, and that was every time that I saw him. He didn't say anything back-he was scared that I would punch him up.

Peppi felt sorry for Snozzle too. He gave him a small green ice cream every morning, for nothing. What a jerk. He never gave me a free ice cream.

You won't believe what happened but I swear it's true. Snozzle's nose began to grow smaller. Every day it grew a bit smaller. In the end it was just a normal nose. When it was the right size Peppi stopped giving him the green ice creams.

I made up my mind to put a stop to this ice cream business. Jerome Dadian had been eating ice cream the day he got one hundred for Maths. It must have been the ice cream making him smart. I wasn't going to have anyone doing as well as me. I was the smartest kid in the school, and that's the way I wanted it to stay. I wanted to get a look inside that ice cream van to find out what was going on.

I knew where Peppi kept his van at night-he left it in a small lane behind his house. I waited until about eleven o'clock at night. Then I crept out of the house and down to Peppi's van. I took a crowbar, a bucket of sand, a flashlight, and some bolt cutters with me.

There was no one around when I reached the van.


I sprang the door open with the crowbar and shone my torch around inside. I had never seen so many tubs of ice cream before. There was every flavor you could think of: there was apple and banana, cherry and mango, blackberry and watermelon, and about fifty other flavors. Right at the end of the van were four bins with locks on them. I went over and had a look. It was just as I thought-these were his special flavors. Each one had writing on the top. This is what they said:

> HAPPY ICE CREAM for cheering people up NOSE ICE CREAM for long noses PIMPLE ICE CREAM for removing pimples SMART ICE CREAM for smart alecs

Now I knew his secret. That rat Dadian had been eating Smart Ice Cream; that's how he got one hundred for Maths. I knew there couldn't be anyone
as clever as me. I decided to fix Peppi up once and for all. I took out the bolt cutters and cut the locks off the four bins; then I put sand into every bin in the van. Except for the Smart Ice Cream. I didn't put any sand in that.

I laughed to myself. Peppi wouldn't sell much ice cream now. Not unless he started a new flavor-Sand Ice Cream. I looked at the Smart Ice Cream. I decided to eat some; it couldn't do any harm. Not that I needed it-I was already about as smart as you could get. Anyway, I gave it a try. I ate the lot. Once I started I couldn't stop. It tasted good. It was delicious.

I left the van and went home to bed, but I couldn't sleep. To tell the truth, I didn't feel too good. So I decide to write this. Then if any funny business has been going on you people will know what happened. I think I have made a mistake. I don't think Dadian did get any Smart Ice Cream.

It iz the nekst day now. Somefing iz happening to me. I don't feal quite az smart. I have bean trying to do a reel hard sum. It iz wun and wun. Wot duz wun and wun make? Iz it free or iz I for?

## Grammar

(1.) Which is the best word to use in the sentence?
The closer a country is to the equator, the ....................... its winter days are.
(a) long
(b) longer
(c) longest
(2) The adjective describing a noun in this sentence is:
No-one has a permanent address in Antarctica.
(a) No-one
(b) permanent
(c) address
3. The preposition in the sentence telling where the sun is in relation to the horizon is:
The sun stays above the horizon for a couple of days.
(a) above
(b) for
(c) couple
(4.) The conjunction in the sentence connecting two ideas is:
In a northern summer, the hours of daylight increase as you move further north.
(a) In
(b) of
(c) as
5. The best verb for this sentence is: The only people who time in Antarctica are scientists.
(a) spend
(b) spent
(c) spending
6. Which sentence has been correctly punctuated?
(a) In summer, as earth spins on its axis the poles can't escape the suns glare.
(b) In summer, as Earth spins on its axis, the poles can't escape the sun's glare.
(c) In summer as Earth spins on its axis, the poles can't escape the suns' glare
The adverb happily in this sentence tells

## something happens.

I would happily visit the land of the midnight sun tomorrow.
(a) how (manner)
(b) when (time)
(c) where (place)

## Something ewtra

+ Use an atlas to find the name of an island, a town, a sea, a bay, a strait and a mountain within the Arctic Circle.
- Design a poster to encourage people to visit the land of the midnight sun.


## THE LAND OF THE MIDNIGHT SUN

1. Midnight sun? How ridiculous! Everyone knows that midnight is always at night-time and we all know that the sun doesn't shine at night ... or does it?
2. For two seasons each year, at opposite ends of the planet, the sun shines for the whole day. Imagine that: 24 hours of
 daylight! How could you sleep at night with the sun blazing in through your bedroom window? Perhaps you could try not going to sleep at all ... no, that's not such a good idea. You might find yourself falling asleep in the strangest of places!
3. So how does this strange event occur? It is all to do with the tilt of the Earth's axis, the planet's journey around the sun and the distance from either the North or the South Pole.
4. At the equator, each day has 12 hours of daylight and 12 hours of darkness all year round. But as each hemisphere leans towards the sun, daylight hours increase and those of night-fime decrease. Also, the hours of daylight increase as you move from the equator to the pole.
5. At the Antarctic and Arctic circles, the sun stays above the horizon for a couple of days each summer so there is sunlight all day long. At the poles, the sun doesn't set for 182 days. That's half the year! As Earth spins on its axis giving day and night to most of the world, one pole is always bathed in sunlight.
6. If you want to experience 24 hours of daylight, you have to travel to places inside the Arctic Circle. These include most of Greenland and the northernmost parts of North America, Russia and Scandinavia. In the Southern Hemisphere, the land within the Antarctic Circle is the continent of Antarctica. Its environment is very harsh. The only people who spend time there are research scientists. No-one has a permanent address in Antarctica!
7. Wouldn't it be wonderful to live somewhere with such long hours of daylight in the summer! Think of all the time you would have to enjoy the great outdoors! But if you have days of total daylight in summer, what do you suppose you have in winter ... do you think that would be as much fun?

## All about words

1. It is a fact, not an opinion, that during summer within the Arctic Circle, there are days when:
(a) it is difficult to sleep.
(b) the sun does not set.
(c) it is lots of fun.

2 If you were in Greenland in the Northern Hemisphere summer you would be likely to have:
(a) 24 hours' sunlight.
(b) 24 hours' darkness.
(c) equal day and night.
3. In summer, as you move further from the equator, the hours of daylight:
(a) increase.
(b) decrease.
(c) stay the same.

The main idea of Paragraph 6 is that:
(a) no-one lives in Antarctica.
(b) the midnight sun only happens within the Arctic Circle.
(c) you need to travel to places within the Arctic or Antarctic Circles to see the midnight sun.

In winter at the Arctic and Antarctic Circles, the sun does not:
(a) rise for 182 days.
(b) set for 182 days.
(c) rise for a couple of days.

The purpose of the text is to:
(a) explain how the midnight sun occurs.
(b) describe the beauty of the midnight sun.
(c) persuade the reader to visit the land of the midnight sun.

The word blazing in Paragraph 2 means:
(a) angry
(b) shining
(c) creeping
). The Arctic midnight sun happens because the North Pole is
(a) tilted toward the sun.
(b) tilted away from the sun.
(c) behind the sun.

You could conclude from the text that, close to the poles, summer days are:
(a) cold.
(b) short.
(c) long.
10. Which sentence could you leave out of a summary of Paragraph 4?
(a) The hours of daylight in each day are greater during summer.
(b) In summer, it is warmer than in winter.
(c) In summer, the sun rises earlier and sets later.

Say each word to find the odd one out.
(a) increase
(b) research
(c) season
2. Which word is spelt correctly?
(a) jorney
(b) Artic
(c) Antarctic
3. Say each word to find out which one does not belong in the group.
time find light
(a) might
(b) shine
(c) imagine
4. The word somewhere is a compound word (word made from two smaller words). Which word is not a compound word?
(a) window
(b) daylight
(c) outdoors
5. The two words that have the same number of syllables as equator are:
(a) ridiculous, opposite
(b) permanent, hemisphere
(c) experience, visible

Which sentence uses the correct homophones?
(a) Did you no that the son can shine for the whole day?
(b) Did you know that the sun can shine for the hole day?
(c) Did you know that the sun can shine for the whole day?
Which root word stays the same when the suffix -ness is taken away?
(a) happiness
(b) kindness
(c) laziness
8.

Which word does not contain a silent consonant?
(a) horizon
(b) scientist
(c) hour
9. The word which means where land and sea appear to meet the sky is:
(a) axis
(b) equator
(c) horizon
10. A synonym (word with a similar meaning) for harsh in Paragraph 6 is:
(a) unfriendly
(b) not
(c) marshy


## Grammar

(1. The verb group in this sentence is: Their big truck must have gone through the fence.
(a) Their big truck
(b) must have gone
(c) through the fence
(2) Which three pronouns did John miss out when he said:
Dunno, could be anywhere. Have a pretty big truck.
(a) I, they, They
(b) we, I, They
(c) 1, they, we
(3. Adverbs of place can tell where something happened. Three adverbs of place in these three short sentences are:
He walked away.
They bumped along
They could be anywhere.
(a) He, bumped, anywhere
(b) away, along, be
(c) away, along, anywhere
(4) Prepositions show how words in a sentence are linked. The two prepositions in this sentence are:
John grabbed a spade from the back and started throwing sand on the fire.
(a) back, spade
(b) from, fire


Adjectives can describe pronouns, e.g. It was old and dirty. Which word in this sentence is an adjective?
Elise thought they were beautiful.
(a) thought
(b) were
(c) beautiful

The best conjunction to join these two sentences is:
They bumped along for over an hour. He got out.
(a) and
(b) because
(c) before
7. Which word in this sentence is an action verb?
She stuck a dusty hat on her head.
(a) stuck
(b) dusty
(c) head

## Something extra

+ Elise looked around and didn't look too happy after John had put out the fire. Think of some reasons why she acted this way.
+ Elise stared and then closed her open mouth when John said, 'Nothing much'. Draw a cartoon of this scene with a speech bubble showing what she was about to say to Uncle Ben.


1. It was the first time Elise had stayed with her aunty and uncle and she didn't know what to expect. They lived with their son, John, and lots of cattle in the Australian Outback, kilometres from anywhere. There was nowhere to go, no shops, no friends and it was hot, really hot. She'd tried to think of something to talk to John about, but he just wasn't interested. Four weeks seemed like forever.
2. John jammed his hat on his head and mumbled to his dad, as he walked away towards a dirty, old four-wheel drive, 'Off to do the mill run'.
3. 'Take Elise with you', called Aunty Elaine as she stuck a dusty hat on her head. John just kept walking. She didn't want to go, but she caught up and climbed in, thinking, 'He's too young to drive, what's a mill run and where are we going?'
4. Well, he could drive. They bumped alang for over an hour saying nothing, then he got out. He scratched his head, got some tools out of the back and started to mend a fence. 'Truck must have gone through it; too lazy to open the gate', he muttered as he worked. Elise just watched. Then she saw smoke and pointed. John drove towards it, then stopped again. The fire had burnt some grass and it was still going. John grabbed a spade from the back and started digging and throwing sand on the fire. He told her to get water from a tank on the back.
5. 'Didn't put their fire out when they left, they're a dangerous lot', John grumbled, climbing back in. Elise looked around, then asked where they'd gone.
6. 'Dunno, could be anywhere. Have a pretty big truck.' Elise didn't look too happy.
7. They drove on to a windmill pumping up water for cattle to drink. John jumped out to make sure there was water in the cattle trough. He showed Elise all the zebra finches fluttering about the mill. They were the most beautiful, colourful birds she'd ever seen. They both smiled as they watched them.
8. 'Want to go for a ride when we get back?' he asked. Elise nodded and smiled.
9. After looking at more mills, they went home. Elise raced inside to tell her story.
10. 'You've been a while. What did you do?' asked Uncle Ben.
11. 'Nothing much', said John, before she had a chance to reply. Elise stared, then she closed her open mouth. Things were really different here. If all that was 'nothing', then 'something' must really be something! She couldn't wait!
12. The mills that John took Elise to see are:
(a) places where water is pumped up from underground.
(b) houses where millers live.
(c) places where crops are grown.
13. A cattle trough is:
(a) a dry dusty place.
(b) a place where cattle are kept.
(c) a long, low container cattle can drink from.
)
You could conclude that Elise probably lives:
(a) nearby.
(b) in the city.
(c) on a houseboat.
14. The text doesn't tell but you could work out that the distance to the mill was:
(a) a few kilometres.
(b) hundreds of kilometres.
(C) tens of kilometres.
15. 

It is an opinion, not a fact, that:
(a) there were finches at the mill.
(b) the finches were beautiful.
(c) finches can fly.
6.

John and Elise were similar because they both:
(a) could drive.
(b) mended the fence.
(c) liked birds.
).
John is Elise's:
(a) cousin
(b) brother
(c) friend
B. Which event happened last?
(a) John mended a fence.
(b) They watched the zebra finches.
(c) They saw some smoke and went to see about it.
9. You could predict that Elise most probably:
(a) won't enjoy her stay.
(b) will go home early.
(c) will learn to ride a horse.
10. The fire was caused by:
(a) lightning
(b) truck drivers
(c) people camping

## All about words

1. The word dunno is a slang word meaning:
(a) went and did it
(b) don't know
(c) it wasn't done
2. A zebra finch is a bird:
(a) with some stripes.
(b) that's black and white.
(c) that's big.
3. John jammed his hat on his head means he:
(a) rested it on his head.
(b) pushed it on his head.
(c) put it on gently.
4. To do a mill run means to:
(a) check the windmills.
(b) go for a run.
(c) collect the flour.
5. Say each word in the group. The word that doesn't belong in this group is:

| water | caught story |  |
| :--- | :--- | :--- |
| towards | talk | four |

(a) walking
(b) trough
(c) forever
6. The word that belongs in this sound group is:
too do towards two through
(a) trough
(b) tools
(c) both
7. The word that doesn't belong in
this sound group is:

Aunty Elise dusty lazy really
(a) beauty
(b) tried
(c) happy
8. The best explanation of why these words belong in the same group is because they all have:

| digging nodded really |  |
| :--- | :--- |
| stopped | grabbed |

(a) a suffix added.
(b) double letters.
(c) double letters before a suffix.

Which word follows the 'double the final consonant before adding a suffix to keep the vowel sound short' spelling rule?
(a) jammed
(b) walking
(c) seemed

Which word is spelt correctly?
(a) flutering
(b) fluttering
(c) fluterring

## Grammar

2. The action verb in this sentence is:
The snow and ice from all around also melt.
(a) from
(b) around
(c) melt

In Paragraph 1, the first four sentences all end with an exclamation mark to tell the reader that:
(a) a question is being asked.
(b) it's time to breathe
(c) the writer is expressing a feeling of amazement

In this sentence the word completely is an adverb telling something disappeared: Within a month, it has completely disappeared.
(a) when (time)
(b) where (place)
(c) how (manner)
4. Jukkasjarvi, Icehotel and Sweden all have capital letters because they are:
(a) common nouns.
(b) proper nouns.
(c) at the beginning of a sentence
5. Adjectives can describe nouns; e.g. a hot sauna. Which words are adjectives in this sentence?
Snuggle into your cosy, thermal sleeping bag.
(a) Snuggle, into
(b) cosy, thermal
(c) sloeping bag
6. Which sentence has been correctly punctuated?
(a) It's wall's and roof slowly melt in the suns weak ray's.
(b) its wall's and roof slowly melt in the sun's weak ray's
(c) Its walls and roof slowly melt in the sun's weak rays.
7. In Paragraph 4, the pronoun which refers to:
(a) the melt water
(b) the River Torne
(c) the ice

## SOMETHING EXTRA

+ Type Jukkasjarvi Icehotel into your search engine and click on images. Browse through the many photographs of the Icehotel. Download a few images from a copyright-free site to create a slide show.
+ Prepare an oral presentation on the Icehotel. More information can be found on the internet. If you have a slide show, it will add interest to your presentation.


## SWTITPS ME HTNT

1. You have got to be joking! Pay good money to stay in a hotel that is so cold they even give you thermal clothes to wear in bed! A hotel where you can't keep your luggage in your room because it will freeze! I don't think so! On the other hand, it could be an interesting experience ...
2. Each year in early spring, large blocks of ice are carved out of the frozen River Torne in the village of Jukkasjarvi in Northern Sweden, 200 km north of the Arctic Circle. The ice blocks are kept in cold storage until the next winter.
3. As soon as winter arrives, snow builders and artists from all over the world come to Jukkasjarvi to design and build a new lcehotel. This takes about one month to complete. One thing people love about Icehotel is that each year it looks completely different! Thousands of guests stay at the hotel each winter and many couples get married in the lce Church.
4. Icehotel stays open until spring when the warmth of the sun starts to melt the roof. Within a month, it has completely disappeared. The melt water returns to the Torne, which again becomes a fast flowing river as the snow and ice from all around also melt.
5. The temperature in the lcehotel is at least $-5^{\circ} \mathrm{C}$ but never goes below $-8^{\circ} \mathrm{C}$. Beds are built of snow and ice topped with a mattress and covered with reindeer skins. For bed, you need to wear thermal clothes, and a hat, scarf and mittens before you snuggle into your cosy thermal sleeping bag.
6. Getting up to visit the bathroom in the middle of the night can be a problem. The hotel staff suggest that guests have nothing to drink for at least an hour before going to bed. That way, they may survive until morning!
7. After a night in the lcehotel, it's time for a hot sauna and shower in the warm hotel next door before enjoying a hearty cooked breakfast. Everyone who spends at least one night in the Icehotel receives a certificate. It states that they have survived a night at $-5^{\circ} \mathrm{C}$. Do you think you could earn such a prize?

## Comprehension

The Icehotel is open only in winter because:
(a) the ice starts to melt in spring and the hotel soon disappears.
(b) all the tourists go home in spring.
(c) the staff go on holiday for the rest of the year.

It is a fact, not an opinion, that: .(a). it would be exciting to spend 4. a night at Icehotel.
(5) Icehotel is rebuilt each year
(c) Ycenotel is a great idea.

When you stay at Icehotel, what event happens first?
(a) मaive a sauna
(b) get into sleeping bag
(c) enjoy breakfast

When blocks of ice have been harvested from the frozen River Torne, they are:
(a) put in a freezer until winter.
(b) used straightaway to make the next Icehotel
used one by one fo make ice sculptures.

If it was unusually warm one spring, the Icehotel would have to:
(a) close at the same time.
(b) close later.
(c) close earlier.

You can conclude from the text that sleeping in the Icehotel would be:
(a) hot and sticky.
(b) warm and comfortable.
(c) cold but cosy.
7. The purpose of this text is to:
(a) give instructions.
(b) give enjoyment.
(c) explain something.
). The temperature at Icehotel is
(a) always below freezing
(b) always above freezing
(c) very changeable.
). Icehotel is different from ordinary hotels because guests are given:
(a) breakfast.
(b) a special certificate.
(c) a hot sauna and shower.
10. Which sentence best summarises Paragraph 5?
(a) Although the icehotel is cold. guests will be comfortable
(b) Beds are built of snow and (c) Reindeer skins cover the beds.

Which word follows the spelling rule 'e goes away when ing comes to stay'?
(a) joking
(b) flowing
(c) interesting

The word hearty in Paragraph 7 means:
(a) large and satisfying
(b) a big heart
(c) horrible

Which word has a silent $h$ ?
(a) hotel
(b) $h \circ t$
(c) hour
4. Which word/phrase does not fit in this group of water cycle words? liquid gas solid
(a) ice
(b) blocks
(c) melt water
5.)

Which word is spelt correctly?
(a) saddle
(b) puzle
(c) pudle
6. Which sentence uses where, wear and we're in the correct places?
(a) We're going to stay at lcehotel where we must wear thermal clothes.
(b) Wear going to stay at Icehotel we're we must where thermal clothes.
(c) Where going to stay at Icehotel wear we must we're thermal clothes.

Which word is the correct spelling of the plural of roof?
(a) rooves
(b) roofs
(c) roofves

Which word does not include an ar sound as in Arctic?
(a) scarf
(b) carved
(c) warm


The best reason these words belong in the same group is because they all:

| luggage | village |
| :--- | :--- |
| suggest | snuggle |

(a) have seven letters.
(b) appear in the text.
(c) have a double consonant following a short vowel sound.

A synonym (word with a similar meaning) for cosy is:
(a) curious
(b) comfortable
(c) short

## Grammar

## Which word is the action verb in this sentence:

We live in the real world with real people.
(a) real
(b) live
(c) people
2. The pronoun this in Paragraph 1 refers to:
(a) people
(b) spending too much time inside
(c) is a big mistake

A preposition can make a link between words; e.g. rain on my face. Which word is a preposition in this sentence? I love splashing through puddles.
(a) splashing
(b) puddles
(c) through

Possessive determiners can tell who owns the noun; e.g. your health. Which word is a possessive determiner in this sentence?
We should fill our lungs with
fresh air.In which phrase is the apostrophe used to show ownership (possession)? e.g. a computer's keyboard
(a) people's health
(b) bike riding's fun
(c) isn't the same

Which sentence is punctuated correctly?
(a) there are beautiful things to see, hear smell and touch.
(b) There are beautiful things to see, hear, smell and touch.
(c) There are beautiful things, to see, hear, smell, and touchThe conjunction joining two smaller sentences to make this sentence is:
We can't listen to and talk to people if we just stay inside.
(a) and
(b) stay
(c) if
(a) should
(b) our


## Something extra

* Draw a picture showing places you like and things you like doing outside.
- Make a chart with four columns and write lists of things you like to see, hear, touch and smell when you're outside.


## DOWMEBCA COMADPORETO

1. People spend too much time inside. I think this is a big, big mistake. By not going out into the real world they're missing out on so many really good things to see and do. And I know spending too much time inside is not good for your health.
2. If we want to be healthy it's important to exercise and to fill our lungs with fresh air. We can't do this when we're sitting
 nothing or just exercising our fingers on a computer keyboard or a mouse. We can get a bit of exercise walking to the fridge to get more food and we do exercise our mouths a bit when we eat it ... how good for us is that? But outside we can walk, run and swim and have fun with other people doing millions of healthy outdoor things like bike riding and kite flying.
3. Outside there are beautiful things to see, hear, smell and touch. Just think about all the plants and animals, and the rivers and oceans, the sand, rocks and mountains. There are wonderful things people have made too, like fountains, bridges and buildings. They're all outside for us to find, watch, explore and enjoy. By going out and experiencing these things, we learn to value and appreciate them more. People who do this are more likely to want to look after our planet.
4. There are other people outside, lots of other people. People we know and lots we could get to know. People who live close by and those who don't. People who look like us, speak like us and understand us and millions who don't. People we can share things with and people we can learn things from. How can we understand and learn how to talk and listen to other people if we just stay inside?
5. I know it's not always as comfortable and safe outside. But there are some simple safety rules we can learn. It may be hot, cold, dry, dusty, wet or windy, but you can still have lots of fun. I love splashing through puddles, feeling raindrops on my face and listening to the noises they make.
6. So, believe me, it's so much better to go outside and live in the real world with rea people. The virtual world just isn't the same.

## All about words

1. The main idea of Paragraph 5 is: 6. It is a fact, not an opinion, that:
(a) staying inside is safe and comfortable.
(b) it is fun to play in puddles.
(c) it's good to go outside even if it's not as safe and comfortable.
2 This text was written to:
(a) explain why it's healthier to be outside.
(b) persuade people to spend more time outside.
(c) tell a story.
2. You can conclude from the text that the writer:
(a) cares about the environment.
(b) is a male.
(c) watches lots of television.

Which idea does the writer explain first?
(a) It's important to meet lots of people.
(b) Being outside is good for your health.
(c) You don't have to be comfortable all the time.
5. The word virtual in Paragraph 6 means:
(a) good
(b) vertical

(a) kites can be flown outside.
(b) there are lots of beautiful plants and animals.
(c) exercise is good.
7. An effect of sitting inside too much could be:
(a) becoming lazy.
(b) putting on weight.
(c) meeting lots of people.
8. People who spend time outside would be more likely to want to protect the environment because they:
(a) have more time.
(b) know more about it.
(c) use computers.
9. You could predict that the writer:
(a) wants people to play sport.
(b) knows a lot about computers.
(c) stays home when it rains.
10. The pronoun they in Paragraph 5 means the:
(a) puddles
(b) noises
(c) raindrops

1. The word experiencing in Paragraph 3 means:
(a) being there and doing it
(b) experimenting with it
(c) finding out about it
2. Which sentence uses the correct homophone?
(a) They're all out there for us to find.
(b) Their all out there for us to find.
(c) There all out they're for us to find
3. We value and appreciate means:
(a) we think they're good because they cost a iot.
(b) we really like them and think they're important.
(c) they're cheap and we like them.
4. Which word does not belong in this group of outside things?
forests
oceans
sand
(a) fountains
(b) mountains
(c) rocks
5. Which word does not have the same first vowel sound as the words:
nothing touch puddles
(a) comfortable
(b) front
(c) computer
(a. Which word does not have the same final sound as these three words?
healthy really windy
(a) dusty
(b) enjoy
(c) safety
6. Which one of these ou as in house and ow as in cow words is spelt incorrectly?
(a) mowth
(b) mouse
(c) how
7. Which word did not need to use the spelling rule 'e goes away when ing comes to stay'.
(a) listening
(b) riding
(C) exercising
8. Which word does not make an antonym (opposite) by adding the prefix un? e.g. unhealthy
(a) important
(b) wonderful
(c) likely
9. Which word is spelt correctly?
(a) full
(b) wonderfull
(c) beautifull


## TEEC - STRUCTURE

## Paragraph writing

## TOPIC

Introduce your topic and make a point about the topic by stating the main idea.
First of all...
There are many reasons why...
To begin with...
Evidence suggests...
It is obvious that...
Have you ever thought about...?

## EXPLAIN

Elaborate and explain your topic sentence by providing more information.
This tells us...
It appears that...
It's obvious that...
As a result...
It is clear that...

## EXAMPLE/S

Support your point by providing examples, evidence or quotes.
For example...
Research shows...
This is supported by...
This is demonstrated by...
Some examples to support this...
QUOTE.. as you can see... (make sure you explain it's relevance)

## CONCLUDE

Conclude your paragraph by summarising your topic sentence and points raised.
In conclusion...
It is evident that...
Evidently...
This demonstrates...
Therefore, it can be said...
(Insert rhetorical question)
(Restate the topic sentence)


Stage 3 Mathematics - Week 10

| Monday | Tuesday | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: |

Offiline learning

| Activity 1 (Challenge of the Day): Happy and Sad Stickers | Activity 1 (Challenge of the Day): <br> Shaded Triangle | Activity 1 (Challenge of the Day): <br> Mystery Number | Activity 1 (Challenge of the Day): <br> Fruit Prices | Activity 1 (Challenge of the Day): <br> Tyrone, Nicola and Tim |
| :---: | :---: | :---: | :---: | :---: |
| Activity 2: <br> Place Value <br> See home learning booklet | Activity 2: <br> Addition to calculate perimeter <br> See home learning booklet | Activity 2: <br> Subtraction <br> See home learning booklet | Activity 2: <br> Multiplication to calculate area <br> See home learning booklet | Activity 2 : <br> Division to convert between masses <br> See home learning booklet |
| Activity 3: <br> Down the Ladder: Roll a dice three times to make a 3-digit number. Do this 3 times. Order your numbers in descending order (largest to smallest). If you did this easily, try it now with 4-digits to challenge yourself. | Activity 3: <br> Speed Addition: Flip 2 cards from a deck of playing or UNO cards or have a family member give you 2 random numbers. Write those down as a 2-digit number. Flip or ask for another 2-digit number and write it down. Add your numbers together as fast as you can. If you have someone at home to play with, you could race each other to call out the answer. If you did this easily, try it again with 3-or 4-digits to challenge yourself! | Activity 3: <br> Subtraction Attack: Flip 2 cards from a deck of playing or UNO cards or have a family member give you 2 random numbers. Write those down as a 2-digit number. Flip or ask for another 2-digit number and write it down. Put the larger number on top and subtract the smaller number. See if you can get 3 right in 5 minutes! If you did this easily, try it again with 3-or 4-digits to challenge yourself! | Activity 3: <br> Times Table Flip: Play with a family member if possible. Each of you flip a card or write a number on a piece of paper or whiteboard and then turn it around. You have to call out the product of the two numbers (what they are multiplied together). Start with times tables you are familiar with like 2 s and 5 s and then try to challenge yourself with $6 \mathrm{~s}, 7 \mathrm{~s}$, 8 s or 9 s . | Activity 3: <br> Speed Sharing: Find a collection of something around your home e.g. dice, counters, craft sticks, toothpicks, pencils, small toys and put them in a pile. When someone says 'Go' start to count the objects in the collection and then call out a number of groups you could share them into and have each person have an equal amount. For example, if you count 12 Lego MiniFigs, you could shout out 6 (2 in each group) or 2 (6 in each group). Check that your answer worked, and then try again with more of the objects! |

## Monday

## Monday Challenge of the Day



Figure out the cost of these strips.
a. $(\cdot) ;() \cdot)^{-2}$

b. $\because \because \because \because \rightarrow \rightarrow$
a.
b.
.

## 4-Digit Place Value



## Write in words:

Show three different ways to partition the number:
1.
nearest 100: $\qquad$
2.
nearest 1000: $\qquad$
3.

Round to the


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Ten Thousands | Thousands | Hundreds | Tens | Ones |

As we move a place to the left on the place value chart, the value gets ten times bigger.
$\mathbf{3}$ tens $=\mathbf{3}$ ones $\mathbf{x 1 0} \mathbf{= 3 0}$ ones.
$\mathbf{3}$ hundreds $=\mathbf{3}$ tens $\mathbf{x 1 0} \mathbf{= 3 0}$ tens (or $\mathbf{3 0 0}$ ones)
$\mathbf{3}$ thousands $=\mathbf{3}$ hundreds $\times \mathbf{1 0}=\mathbf{3 0}$ hundreds (or $\mathbf{3 0 0}$ tens)

| Th | $\mathbf{H}$ | $\mathbf{T}$ | $\mathbf{O}$ |
| :--- | :--- | :--- | :--- |
|  |  |  | $\mathbf{3}$ |
|  |  | 3 | 0 |
|  | 3 | 0 | 0 |
| $\mathbf{3}$ | 0 | 0 | 0 |

Work out these missing conversion facts

| 1) | 5 hundreds = ___ ones | 2) | 60 ones = ___ tens |
| :---: | :---: | :---: | :---: |
| 3) | 7 thousands = ___ hundreds | 4) | 30 tens = ___ hundreds |
| 5) | 60 ones $=\ldots$ tens | 6) | 3 thousands = ___ hundreds |
| 7) | 50 hundreds = __ thousa | 8) | 1 thousand = ___ ones |
| 9) | 8 hundreds = ___ ones | 10) | 40 ones = __ tens |
| 11) | 4 thousands = ___ tens | 12) | 80 hundreds $=\ldots$ thousands |
| 13) | 30 tens = _ ones | 14) | hundreds $=400$ ones |
| 15) | 70 tens = __ hundreds | 16) | 5 hundreds $=\ldots$ tens |
| 17) | 60 tens = __ hundreds | 18) | 4000 ones = ___ thousands |
| 19) | 50 tens = __ ones | 20) | 4000 ones $=\ldots$ hundreds |
| 21) | thousands $=200$ tens | 22) | hundreds $=9$ thousands |

PUZZLE TIME - find the answer to the riddle below in the table!

- I am worth more than 30 hundreds.
- I am less than 7000 ones.
- My tens digit is greater than my ones.

| 3726 | 5290 | 6423 |
| :--- | :--- | :--- |
| 7185 | 4428 | 5925 |

- I am a multiple of 5 .
- Who am I?


## 5-Digit Place Value



Write in words:


Round to the
nearest 100: $\qquad$
nearest 1000: $\qquad$

Write in expanded form:
10 more: $\qquad$

10 less: $\qquad$
100 more: $\qquad$
100 less: $\qquad$
1000 more: $\qquad$
1000 less: $\qquad$

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Ten Thousands | Thousands | Hundreds | Tens | Ones |

## Tuesday

## Tuesday Challenge of the Day

2


The area of the shaded triangle is 6 sq cm .
What is the area of the whole shape?

## Perimeter

When we calculate perimeter, we add the lengths of all sides of the shape together.
So the formula for the perimeter of this square:


Would be $5 \mathrm{~cm}+5 \mathrm{~cm}+5 \mathrm{~cm}+5 \mathrm{~cm}$
Therefore, the answer would be 20 cm

Remember that the sides of a square are always all the same (equal lengths). So if you were asked to find the perimeter of this square:

## 10m

You would know that since one side is 10 metres long, all the sides are 10 metres long and the formula would be $10 m+10 m+10 m+10 m$

Therefore, the answer would be 40 m

To calculate the perimeter of this rectangle, we would also add all its side lengths together:


Remember that the opposite sides of a rectangle are always the same (equal lengths). So if you were asked to find the perimeter of this rectangle:

You know the formula would be $6 m+4 m+6 m+4 m$


## PERRMETER

Name: $\qquad$ Date: $\qquad$
1.


53 m
Formula $=$ $\qquad$
Perimeter $=$ $\qquad$
3.


Formula $=$ $\qquad$
Perimeter $=$ $\qquad$
5.


Formula $=$ $\qquad$

Perimeter $=$ $\qquad$
2.

36 m

Formula $=$ $\qquad$
Perimeter $=$ $\qquad$
4.


Formula $=$ $\qquad$
Perimeter $=$ $\qquad$
6.


Formula $=$ $\qquad$

Perimeter $=$ $\qquad$

## PERiMETER

Name: $\qquad$ Date: $\qquad$
1.


Formula $=$ $\qquad$

Perimeter = $\qquad$
3.


Formula $=$ $\qquad$

Perimeter $=$ $\qquad$
4.


Formula = $\qquad$

Perimeter $=$ $\qquad$
5.


Formula $=$ $\qquad$
6.


Formula $=$ $\qquad$

Perimeter $=$ $\qquad$
$\qquad$

## 3-DiGiT Addition

|  | 11 - 643 | 11 cem 682 |
| :---: | :---: | :---: |
| 11 Cmel II 326 | 11 | 11 |



## Wednesday

## Wednesday Challenge of the Day

## 3

What is the mystery number?

- It is greater than $5 \times 7$.
- It is less than $6 \times 7$.
- It is an even number.
- The sum of its 2 digits is an even number.



## 2-Digit Subtraction

1) 

$$
\begin{array}{r}
27 \\
-\quad 15 \\
\hline
\end{array}
$$

2) 

$\begin{array}{r}33 \\ -\quad 15 \\ \hline\end{array}$
3) 62
$\begin{array}{r}-\quad 16 \\ \hline\end{array}$
4)

6) $\begin{array}{r}68 \\ -\quad 24 \\ \hline\end{array}$
7)
$\begin{array}{r}37 \\ -\quad 16 \\ \hline\end{array}$
8)

40
9) 57
$\begin{array}{r}-\quad 31 \\ \hline\end{array}$
$\begin{array}{r}-\quad 45 \\ \hline\end{array}$
10)

$$
\begin{array}{r}
62 \\
-\quad 26 \\
\hline
\end{array}
$$

11) $\begin{array}{r}47 \\ -\quad 35\end{array}$
12) $\begin{array}{r}68 \\ -\quad 18 \\ \hline\end{array}$
13) 

$$
\begin{aligned}
& \text { 14) } \\
& 49 \\
& \text { 15) } 61 \\
& \text { - } 13 \\
& \text { - } 25 \\
& \text { - } 39
\end{aligned}
$$

## 3-Digit Subtraction

1) 

$\begin{array}{r}514 \\ -312 \\ \hline\end{array}$
2) $\quad 734$
3) 536
4) 852
$\begin{array}{r}-340 \\ \hline\end{array}$
$\begin{array}{r}-523 \\ \hline\end{array}$
$\begin{array}{r}-122 \\ \hline\end{array}$
5) $\begin{array}{r}726 \\ -715 \\ \hline\end{array}$
6) $\begin{array}{r}521 \\ -\quad 301 \\ \hline\end{array}$
7) $\begin{array}{r}273 \\ -162 \\ \hline\end{array}$
8) 891 -631
9) $\begin{array}{r}282 \\ -151 \\ \hline\end{array}$
10) 975
11) 387
12) $\begin{array}{r}268 \\ -\quad 224 \\ \hline\end{array}$
13) 841
14) 431
$-530$
$\begin{array}{r}-201 \\ \hline\end{array}$
15) $\begin{array}{r}624 \\ -\quad 512 \\ \hline\end{array}$
16) 542
-321
17) $\begin{array}{r}729 \\ -423 \\ \hline\end{array}$
18) $\begin{array}{r}634 \\ -\quad 531 \\ \hline\end{array}$
19) $\begin{array}{r}424 \\ -312 \\ \hline\end{array}$
20) $\begin{array}{r}987 \\ -\quad 764 \\ \hline\end{array}$

3-Digit Subtraction Fill-in-the-Blanks

|  | 2 | 4 |  |
| ---: | :--- | :--- | :--- |
| - |  |  | 3 |
| $=$ | 1 | 2 | 4 |


|  | 3 | 6 | 9 |
| ---: | ---: | ---: | ---: |
| - |  |  | 4 |
| $=$ |  | 5 | 5 |


|  | 4 |  | 5 |
| ---: | ---: | ---: | ---: |
| - |  | 1 | 3 |
| $=$ | 2 | 8 | 2 |


|  | 6 | 7 | 1 |
| :--- | :--- | :--- | :--- |
| - |  |  | 0 |
| $=$ | 4 | 5 |  |


|  |  | 9 | 9 |
| :--- | :--- | :--- | :--- |
| - | 1 |  | 8 |
| $=$ | 2 | 4 |  |


|  | 7 | 8 | 1 |
| ---: | ---: | ---: | ---: |
| - |  |  |  |
| $=$ | 4 | 7 | 1 |

## Thursday

Thursday Challenge of the Day
4
Same fruits are the same price.

a.

b.

$\qquad$ c
c. ${ }^{\bullet}=$
a. $\qquad$
b. $\qquad$
c. $\qquad$
$\square$

## Area of Squares and Rectangles

When we calculate the area of a rectangle, we multiply the length of the long side by the length of the short side.


Therefore the answer would be 15 metres squared. We always write area as a measurement squared (e.g. mm2, cm2, m2 or km2) because we have multiplied two dimensions together (2D shape).

Since you only need to multiply the length of a short side by the length of a long side, you can immediately see the formula for this rectangle:


Finding the area of a square follows a similar formula, except a square doesn't have long and short sides - all of its side lengths are equal! So when we find the area of a square, we just have to multiply any two side lengths together, or in other words - the length of the sides by themselves.

To find the area of this square:


We would multiply $12 \mathrm{~km} \times 12 \mathrm{~km}$
Therefore, our answer would be 144 km 2 (metres squared).


## AREA - RECTANGLES

Name: $\qquad$ Date: $\qquad$
2.


Formula $\qquad$ Formula $\qquad$
$=$ $\qquad$
$=$ $\qquad$
3.


Formula $\qquad$ Formula $\qquad$

$$
=
$$

$\qquad$
$=$ $\qquad$
5.


Formula $\qquad$
$\qquad$
$=$
6.


Formula $\qquad$
$\qquad$
$=$ $\qquad$

Name: $\qquad$ Date: $\qquad$



Friday

## Friday Challenge of the Day

## 5

"I have \$12.35 more than Nicola."


TYRONE
"I have \$17.35 less than Tim."


NICOLA
"I have \$30."


TIM

a. How much money does Nicola have?
b. How much money does Tyrone have?
a.
b. $\qquad$

Use grams to measure light objects.


1 dollar bill weighs 1 gram.

$$
1,000 \mathrm{~g}=1 \mathrm{~kg}
$$

Use kilograms to measure heavier objects.


A dictionary weighs about 1 kilogram.

Choose a unit to measure the weight of each item. Write grams or kilograms.
1.

2.

3.

4.

5.

6.


Compare. Write $<,>$, or $=$,
7. $3,000 \mathrm{~g}$2 kg
8. $1 \mathrm{~g} \bigcirc 1 \mathrm{~kg}$
9. 2 kg

$2,000 \mathrm{~g}$

Circle the best estimate.
10. hippo

200 g or 200 kg
11. spool of thread

4 g or 4 kg
12. raccoon

10 kg or 50 g

## Converting from Grams to Kilograms

There are 1000 grams in 1 kilogram.
Therefore $1000 \mathrm{~g}=1 \mathrm{~kg}$
Because there are three extra zeroes in 1000 than 1, we have to divide the amount of grams by 1000 to find out how many kilograms it equals.

Division and multiplication are inverse operations, which means mathematically opposite to each other. Therefore, if we want to find out how many grams in a kilogram we would need to multiply the number by 1000.

Try it yourself below!
a) $2000 \mathrm{~g}=$ $\qquad$ kg
b) $5000 \mathrm{~g}=$ $\qquad$ kg
c) $9000 \mathrm{~g}=$ $\qquad$ kg
d) $5040 \mathrm{~g}=$ $\qquad$ kg
e) $250 \mathrm{~g}=$ $\qquad$ kg
f) $675 \mathrm{~g}=$ $\qquad$ kg
g) $480 \mathrm{~g}=$ $\qquad$ kg

Have ago at these word problems..

1) A baker hos a big order of cakes he needs to bake. He needs 5 oranges for his recipe. Each orange weighs 150 g . What is the total weight of the oranges?
a) In grams?
b) In kilograms?
2) A gardener has 10 plants to pot. Each plant pot needs 50 g of soil. How much soil does the gardener need altogether?
a) In grams?
b) In kilograms?
3) A builder has to fix 3 walls that have fallen down. He needs 2 kg of cement for each wall. How much cement will he need altogether?
a) In kilograms?
b) In grams?

## DIVISION PROBLEMS 4.3A

Work out the answers to these division problems.
Remember to interpret the answer in the context of the problem.

| 1) 55 children get into teams of 4 . |
| :--- | :--- | :--- |
| How many teams of 4 can they make? |
| How many children will not be in a team of 4? | 年



## KLA BIILCO <br> Can you get five in a row?

| Cooking <br> Make a deli- <br> cious sand- <br> wich! | PDHPE <br> Run on the <br> spot, as fast <br> as you can <br> for 1 minute. |
| :---: | :---: | :---: |
| Art <br> Can you <br> make a <br> colour wheel <br> using house- <br> hold items? | Make a <br> marachute. |

## Life skills

Help your carer/family members with some chores eg vacuum/sweep the floor.

## Life skills

Telephone a family member and make them smile.

## Cooking

Help your parent/carer/ family member cook dinner for the family.

## PDHPE

Create an obstacle course.

## Life skills

Make your bed.

## STEM

Make a paper plane and challenge your family to make one.

## PDHPE

Create a circuit eg pushups, sit-ups, star jumps, squats etc.

## Creative Arts

Make a musical instrument out of household recyclables/ items.
STEM
GO to https://
scratch.mit.edu and create a project.

Life skills Help your carer/family members with some chores eg do the dishes.

## Cooking

Make breakfast for your parent/carer/ family member.

## Art

Draw a self portrait or a portrait of a family member.

## Life skills

 Play a board game/card game with a family member.
## STEM

Sit outside and find some shapes in the clouds.

## Cooking

Make some pancakes with an adult.

## PDHPE

Put on some music and play freeze with your family.

## Life skills

 Telephone a friend and tell them a joke.
## STEM

Make a creation out of Lego or cardboard boxes.

