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Home Learning Pack Year 4

Week 10
29/06/2020

Classroom
secrets★

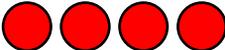
KIDS



Take a picture while you work through this booklet and tweet us [@ClassroomSecLtd](https://twitter.com/ClassroomSecLtd) using the hashtags [#CSKids](https://twitter.com/CSKids) and [#HomeLearningHero](https://twitter.com/HomeLearningHero) to be in with a chance of winning a month's subscription to [classroomsecrets.co.uk](https://www.classroomsecrets.co.uk).

Monday – Interpret Charts

1. True or false? This pictogram has been correctly converted into a bar chart.

Class 4's Favourite Author	
RD Smith	
DW Jones	
M Hussain	
JK Taylor	

Key:  = 2 children

true

Class 4's Favourite Author



false

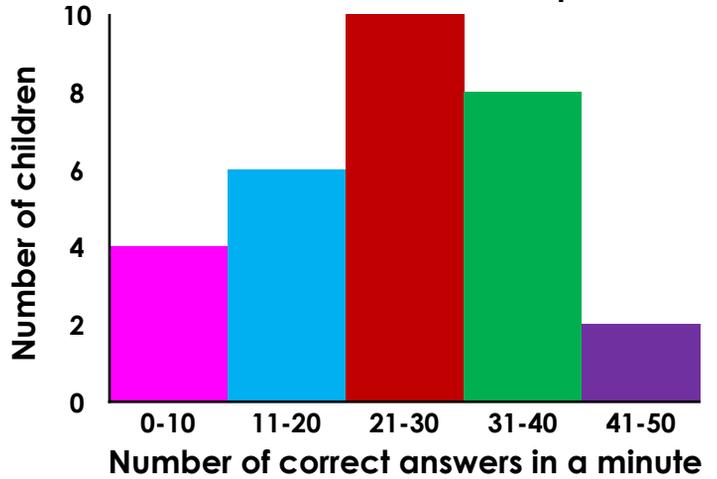
2. Ben says,

Only 18 children got more than 21 answers correct in a minute.



Is he correct?

Class 4's Times Tables Competition



3. Lena has used the information in the table below to make a pictogram. Do you think a pictogram is the best way to present this information? Explain your answer.

Pets	
Dogs	
Cats	
Tortoise	
Fish	

Pets	
Dogs	
Cats	
Tortoise	
Fish	

Key:  = 1 pet

Monday – Adding Prefixes and Suffixes to Make New Words

Create new words by adding a suffix and a prefix to each root word below. Use the prefix and suffix bank to help you.

_____ usual _____

_____ cover _____

_____ honest _____

_____ like _____

_____ appear _____

_____ act _____

_____ allow _____

_____ predict _____

_____ kind _____

_____ agree _____

_____ comfort _____

_____ lead _____

_____ infect _____

_____ expect _____

_____ help _____

_____ reason _____

_____ connect _____

_____ success _____

Prefixes		Suffixes			
un	dis	ly	ance	ed	ful
re	mis	ness	able	ment	ing

Tuesday – Comparison, Sum and Difference

1. Calculate the totals for each set of data.

 = 10 goals

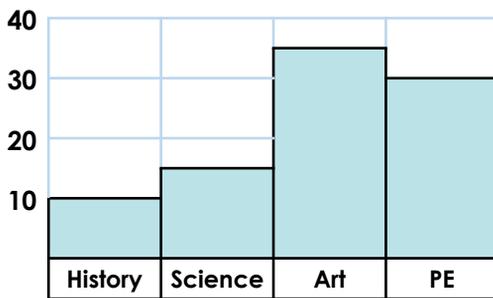
Bank holiday visitors to the Art Gallery

Days	Visitors (AM)	Visitors (PM)	Total Visitors
Friday	30	40	
Saturday	80	70	
Sunday	70	60	
Monday	20	30	

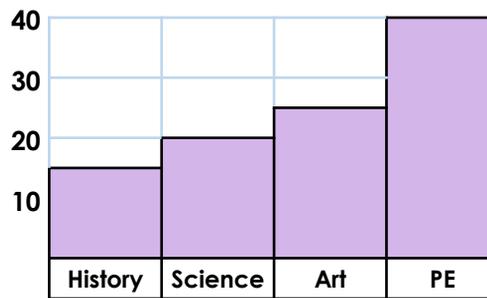
Teams	Number of Goals	Total
Foxes		
Owls		
Rams		
Stags		

2. Calculate the difference between the two year groups for each subject. Write 3 questions which compare the data.

Year 3's Favourite Subjects



Year 4's Favourite Subjects

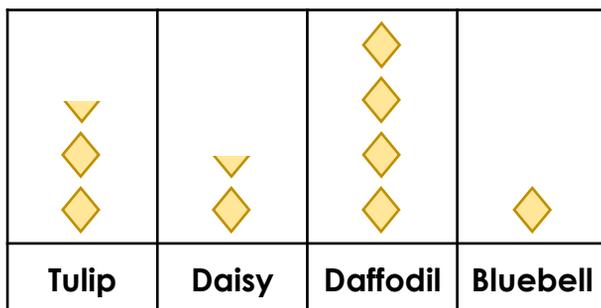


Differences

History	
Science	
Art	
PE	

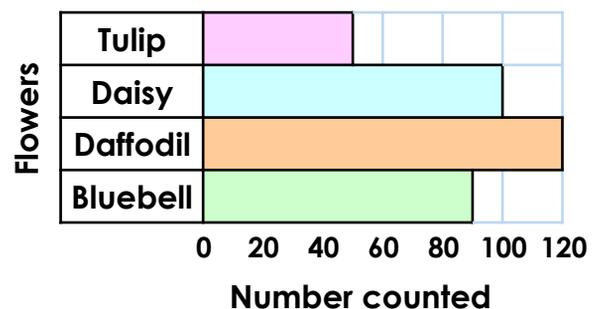
3. Compare these two sets of data. What is the same? What is different?

A Flowers counted in the local park.



 = 20 flowers

B Flowers counted on a woodland walk.



Tuesday – Present Tense

1. Insert the simple present verbs in the correct places in the sentence below.

I _____ my bike to school, but sometimes I _____ in and _____ the bus at 8 o'clock.

am riding

sleep

get

ride



2. Underline the verbs in the sentences below that show they are written in the present progressive tense.

A. She is gripping the dog's lead tightly so it can't escape.

B. The escaped tiger is running down the streets and the zookeepers are racing after him.

C. She is humming a tune and the children are dancing along.

3. Is Ruby correct? Explain your answer.



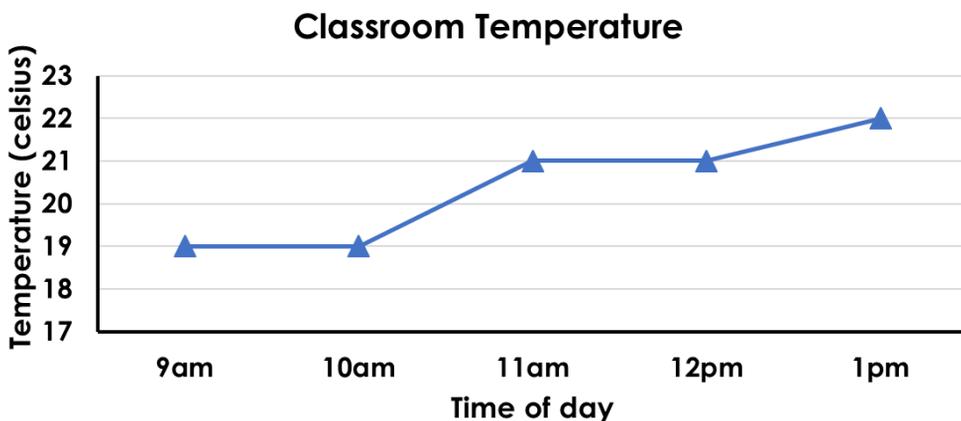
I have underlined the present progressive tense verbs in this sentence.

The ginger cat is hiding in the tree but the dog is circling on the ground below.

Wednesday – Introducing Line Graphs

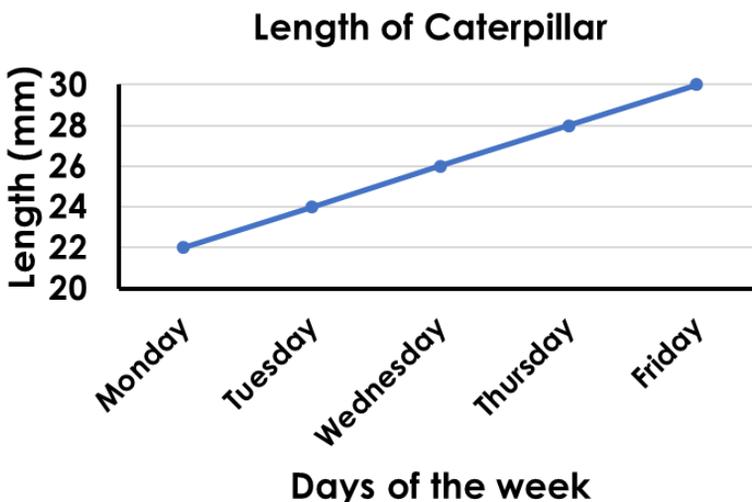
1. Use the information in the line graph about the temperature in a classroom to fill in all the blanks in the table.

Time	Temp
9am	
10am	
11am	
12pm	
1pm	



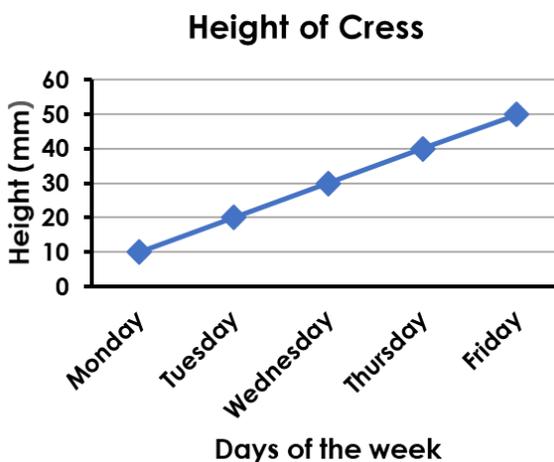
2. A class are measuring the length of a caterpillar to see how much it grows in a week.

- A. How long was the caterpillar on Wednesday?
- B. How much did the caterpillar grow between Monday and Tuesday?
- C. How much did the caterpillar grow in total from Monday to Friday?



3. Class 4 are growing cress for a science investigation. They record its height each day. Decide whether this statement is true or false: The information in this table has been correctly converted into a line graph. Explain your answer.

Day	Height
Monday	10mm
Tuesday	20mm
Wednesday	40mm
Thursday	60mm
Friday	70mm



Wednesday – Writing a Letter

Think about someone you admire. This might be a health care hero or someone in your family.

Your task is to write a letter to this person to say thank you for all the things that they have done that make you feel thankful. Think of at least three different things that they have done to help you or other people.

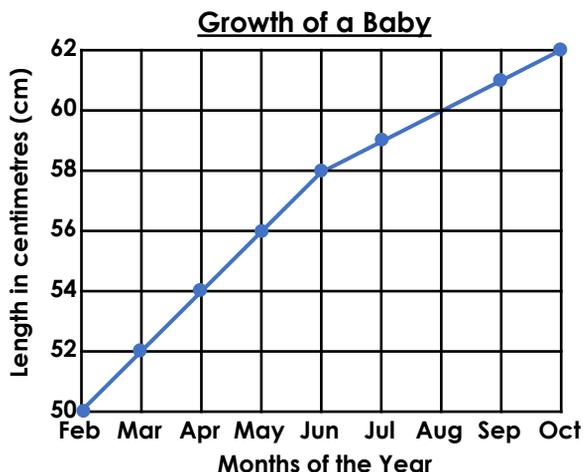


Have you included the following features?

- | | | | | | |
|-------------------------|--------------------------|-----------------------------|--------------------------|------------------------------|--------------------------|
| • your address and date | <input type="checkbox"/> | • a greeting e.g. Dear Sir | <input type="checkbox"/> | • Why you are writing | <input type="checkbox"/> |
| • paragraphs | <input type="checkbox"/> | • a formal or informal tone | <input type="checkbox"/> | • coordinating conjunctions | <input type="checkbox"/> |
| • fronted adverbials | <input type="checkbox"/> | • detailed explanations | <input type="checkbox"/> | • subordinating conjunctions | <input type="checkbox"/> |

Thursday – Line Graphs

1. Use the line graph below to answer the following questions about the growth of a new born baby over 9 months.



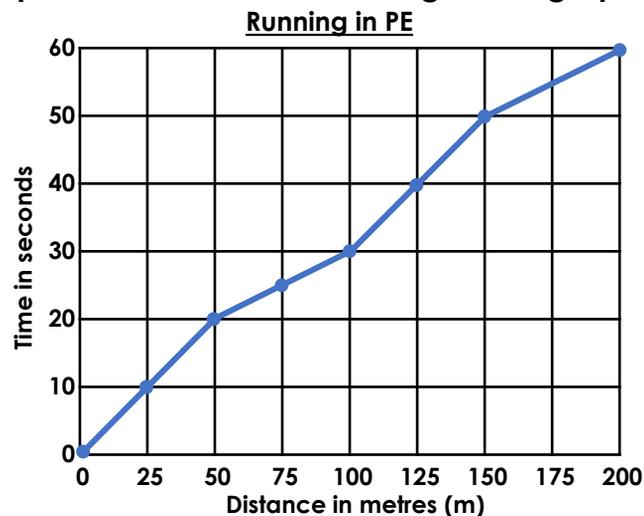
A. How long was the baby in April?

B. When was the baby 59cm long?

C. How many centimetres did the baby grow between March and September?

D. What was the difference between the length of the baby in May and October?

2. Tara has been timing herself in PE when running for 60 seconds. Complete the questions and answers using Tara's graph.

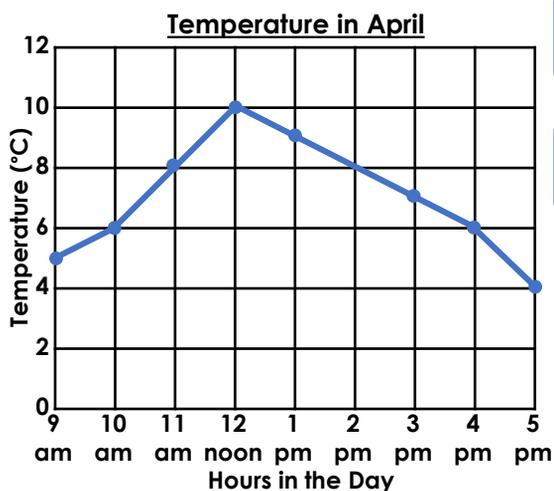


A. How much further did Tara run in the final 10 seconds than in the first 10 seconds?

B. Was Tara faster running 50 to 75 metres or 100 to 125 metres?

C.

3. Some children recorded the temperature in April. Which story matches the line graph below? Explain your answer.



Max took the temperature at 9am and by 5pm it had decreased by 1 degree.

Pearl took the temperature at 9am and by 3pm it had decreased by 1 degree.

Emily took the temperature at 9am and by 1pm it had increased by 5 degrees.

Maya took the temperature at 10am and by 5pm it was 1 degree less.

Thursday – Improve Your Writing with Proofreading

Editing Challenge

1. Circle 20 missing capital letters in **blue**.
2. Mark 20 missing full stops in **red**.
3. Underline 30 spelling mistakes in **green**.
4. Mark 8 incorrect verb tenses in **purple**.
5. Mark 1 missing exclamation mark in **yellow**.
6. Mark 4 missing commas used to separate lists in **orange**.

Boxer Dogs

boxer dogs are an intermediate size breed of dog, originally bred to be guard dogs they are now working dogs they are typically between 40 and 60 centimetres and 45 and 70 pounds tall however they are 10 centimetres taller at the shoulder they weigh between 60 and 70 pounds as well as lived to an age of between ten and twelve years

boxer dogs originated in Germany but after World War 1, they were introduced to the United States of America boxer dogs are square-headed and muscular they have short and shiny coats which are fawn or brindle with flashy white markings many Boxers have docked tails and cropped ears

boxer dogs have a playful nature and boundless energy and they can be known as the “Peter Pan” of dog breeds boxer dogs are very loving so they often act as lapdogs and will lie as close to their owners as possible boxers are renowned for their great love affection and loyalty to the families they lived with

boxer dogs are high-spirited, happy and energetic they often paw enthusiastically, cat-like, at their toys, food bowls and even at their owners when they are excited, they often “kidney bean”, a little danced where they twisted their body into a semi-circle, similar to the shape of a kidney bean and then turn in circles

boxer dogs also make a unique sound, called a “woo-hoo”, when they want something or are excited it is not exactly a bark but rather sounds like they are saying “woo-hoo, pay your attention on looked at me”

but life isn't all fun and games for all Boxer dogs. because of their strength bravery and courage, Boxer dogs have a wide role and are used in the military and the police, as well as search-and-rescue work when specifically trained for guard work, Boxer dogs were stupendous watchdogs and will restrain an intruder in the same manner as a Mastiff Boxer dogs also excel in obedience agility and schutzhund (a demanding three-phase competition event that tests the dog's tracking obedience and protection abilities)

A Load of Rubbish – Comprehension

These questions are based upon the text A Load of Rubbish on pages 14-15. Read the text and use this to help you answer the questions below.

1. Why do you think the author has written some words in capital letters in the first paragraph?

2. What were Kyle and Ayden planning to do at the start of the day?

3. Underline 4 sentences in the extract below that show how Ayden is feeling.

“Hey Ayden!” I called as I cycled over to him. Ayden grunted. He was kneeling next to his bike and was inspecting the front tyre. He wore an irritated look. “What’s the matter?” I asked, putting down my bike and walking towards him.

“Sorry, Kyle, I’ve got a flat tyre. Not only that, but my chain keeps falling off too...this bike is a piece of garbage! I’m going to throw it away.” Ayden stood up and kicked the bike’s tyre. He folded his arms and huffed loudly.

4. Which word would you say best describes Ayden's feelings at this point in the story?

annoyed

outraged

furious

seething

5. Find and copy two words from the text that describe Mother Earth’s dress.

A Load of Rubbish – Comprehension

6. Match each word to the correct definition.

huffed

horrible or bad

remarkable

looking over very carefully

tutted

different or unusual, outstanding

vile

to make a 'tutting' sound at someone to show impatience or dislike

inspecting

to breathe out sharply in anger

7. What does Ayden's brother use the recycling bin for?

8. Find 4 different words used in the text that can replace 'said'.

1.

3.

2.

4.

9. Kyle says, 'eventually, I found my voice'. What do you think this means?

10. True or false? Mother Earth says that recycling is simple to do. Find and copy a sentence to explain your choice.

true

false

A Load of Rubbish – Comprehension

11. Find and copy the words in the text that can be replaced with the words below.

1. break down – _____

2. repair – _____

3. bottle – _____

12. How long does it take for plastic and glass to break down?

It takes _____ years for plastic to break down.

It takes _____ years for glass to break down.

13. Put these events in the correct order.

Mother Earth disappears.

Mother Earth tells the children she has been ill.

The plastic containers speak to the boys.

Kyle and Ayden meet in the park.

The glass bottles talk to the boys.

Mother Earth visits Kyle and Ayden.

Ayden is annoyed his bike is broken.

14. What do you think is the key message of the story?

The message is that people should look after the planet by making sure they put all of their litter into the bin.

The message is that people should reduce, reuse and recycle to reduce their carbon footprint and help save the planet.

The message is the children need to start learning about recycling so that they can protect the future of the planet.

15. Why do you think that the story finishes with a question?

Guided Reading – A Load of Rubbish

A Load of Rubbish

Do you want to listen o a RUBBISH story? Some people say that it is just a WASTE of time, but I couldn't REFUSE to tell it. Any ideas on what it's about? No? Well, I'll give you a hint ... it's JUNK! So you think this story will be GARBAGE, do you? Listen carefully and maybe I'll be able to change your mind!

It all started last week when I met my best friend, Ayden, at the local park. It was a sunny day and we had decided to go for a bike ride.

“Hey Ayden!” I called as I cycled over to him. Ayden grunted. He was kneeling next to his bike and was inspecting the front tyre. He wore an irritated look. “What's the matter?” I asked, putting down my bike and walking towards him.

“Sorry, Kyle, I've got a flat tyre. Not only that, but my chain keeps falling off too...this bike is a piece of garbage! I'm going to throw it away.” Ayden stood up and kicked the bike's tyre. He folded his arms and huffed loudly.

That was when something strange happened. I heard an unusual sound coming from all around us and suddenly, a remarkable lady appeared from nowhere. She was wearing a sparkly, green dress and held a glittery clipboard in one hand. As she noticed us, she pulled down her reading glasses and took a closer look. She scrunched up her nose.

“Who on Earth are you?” Ayden exclaimed. His eyes were wide and he was shaking a little. That was when I noticed the lady wore a large badge. It read 'Mother Earth'.

The lady sighed. “I'm Mother Earth of course. I'm the spirit of the Earth.” She looked around and started to make notes on her clipboard. She eventually noticed Ayden's bike on the floor and tutted. “You know, I've been very unwell lately,” she complained.

“Oh no, what's wrong? Why have you been so ill?” Ayden asked, looking concerned.

Mother Earth pointed over my shoulder. “Just look at that vile rubbish dump over there...”

“I know. Yuk!” I agreed. I always ride past it on my way to the park.

“Did you know that lots of people use things just once and then throw them away? You humans live your lives as if there is a never-ending supply of everything in this world...and when you live like that, you make a lot of waste and pollution. These things add to what I call your 'carbon footprint'.”

“Carbon what?” Ayden cried.

Guided Reading – A Load of Rubbish

“Carbon footprint. It’s caused by your misuse of the earth’s natural resources. That’s what is making me so sick.” She coughed a little.

Ayden looked shocked. “Us? We don’t do that.”

“Yes you do. All of you do!” Mather Earth yelled, waving her wand in the air. All of a sudden, we heard a rustling noise coming from nearby.

“What’s that noise?” Ayden said in a trembling voice.

“It’s coming from that wheelie bin over there...” I pointed towards a large black bin out in front of a nearby house. The lid was moving up and down as if something was trying to get out.

“Look, here comes a pile of old magazines. It was once a tree you know...” Before we knew it, a huge pile of magazines had jumped out of the bin and was rolling towards us.

“We overheard you talking. We’ve been so sad in there, just wasted. We could have been recycled and used again. That saves energy and trees! You can reduce your carbon footprint if you recycle us.” I was so surprised, I didn’t know what to say. Eventually, I found my voice.

“Maybe I can help to recycle you!” I offered. As I said it, Mother Earth waved her wand and in a puff of smoke a blue recycling bin appeared in front of us.

“Thank you! You know, recycling is so easy to do. You might have a special recycling bin like this that you can put things such as old magazines in. It gets collected and then recycled.” I picked up the pile of magazines and placed them neatly inside the bin.

“Oh yeah, we have one of those bins at home. I think my brother keeps his fishing equipment in it... Mother Earth, is there anything else that can be recycled?” Ayden said.

“I’m glad you asked young man. There are many materials that can be recycled which people just throw away every day.” From the rubbish dump, a plastic container rolled towards us.

As it reached us, it began to talk, just like the magazine. Things were getting stranger every minute! “I would have to be lying here for over four-hundred and fifty years to decompose!” The container sounded unhappy. “If someone had recycled me I could be turned into a toy or even part of a car!”

Guided Reading – A Load of Rubbish

“Well, maybe now you’ll get your chance. Boys, did you know lots of big shops recycle bottles already?” She pointed towards the plastic container.

“I can take them to my local supermarket. I think mom’s going tonight,” Ayden replied. He picked up the plastic container and put it into his back pack ready to take home.

“That’s the plastic sorted then, but what about glass?” I asked.

“Glass can be recycled too!” She waved her wand again and a large glass bottle rolled towards the rubbish dump.

“Thank goodness you came along!” the glass bottle started to say. “I could’ve been laying here for the next million years! I don’t rot like other materials! If only I had been recycled.” I picked up the glass bottle and placed it in the recycling bin. I could just feel my carbon footprint getting smaller.

“Mother Earth, I never knew that re-using stuff was so easy to do,” I said.

“Recycling is very important, you should go and tell all of your friends! I’ve got to be going now...I have so many things to take care of...” She waved her wand one last time and disappeared.

“Right, first things first...I’ve got to fix my bike!” Ayden knelt down and started to tinker with the bike chain. Mother Earth taught us that we need to reduce, reuse and recycle if we want to cut out carbon footprint and save the planet. What could you do to reduce your carbon footprint?