

Remote Learning Plan!

Hello Year 4!

During the next few weeks, we will be providing the children with remote learning on a daily basis. The work will be available on the website the day before e.g. Monday's work will be online Sunday.

Everyday the remote learning will consist of:

1. English Lesson
2. Maths Lesson
3. Reading Lesson
4. One other curriculum lesson (PSHE, Art etc)

We will be available during the hours of 9am-4pm so please feel free to contact us on our new e-mail

njs.year4@taw.org.uk

Some of the work provided will be split into the star levels that the children use everyday in class (1,2 3).

Stay safe everyone!

Miss Jones, Mrs Jukes, Mrs Kuczynska and Mrs Sisson.

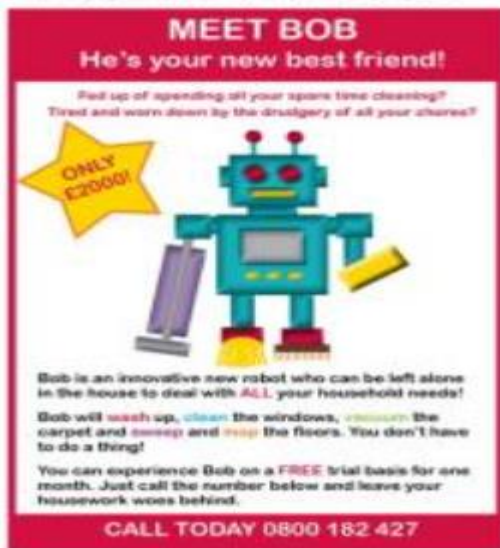
English:

Objective: To create an advert for my invention.

Have a look at the poster about making an advert!
Imagine that you have made your invention and now you want to sell it... **create an advertisement for your invention!**

Remember to use the tips on the poster opposite!

On the next slide are some examples for existing products that may inspire your own poster.



- Focus on the positive
- Use bright colours and images to catch your attention
- Use a mix of facts and persuasive and exaggerated language.

Use catchy slogans and sayings

IF YOU HAVE AN OLD CAR YOU CAN SAY IT'S A CLASSIC.

take the good side
Coca-Cola

★ WHAT'S GOT ★ EVERYONE TALKING?



"WATSON
COME HERE!
I WANT TO SEE YOU!"

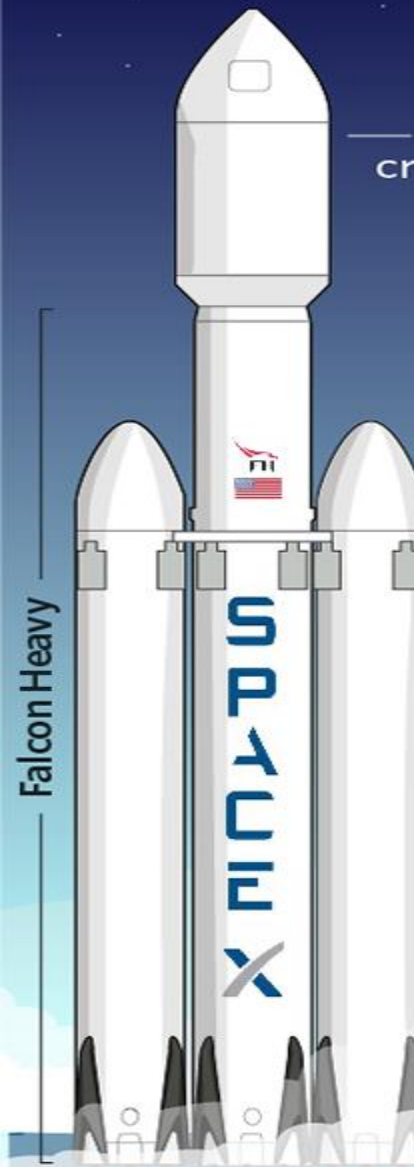
Bell was training teachers in the art of instructing deaf mutes how to speak. This background prepared Bell for work with spoken sound waves and electricity.

Alexander Graham Bell is credited as the inventor of the first practical telephone.

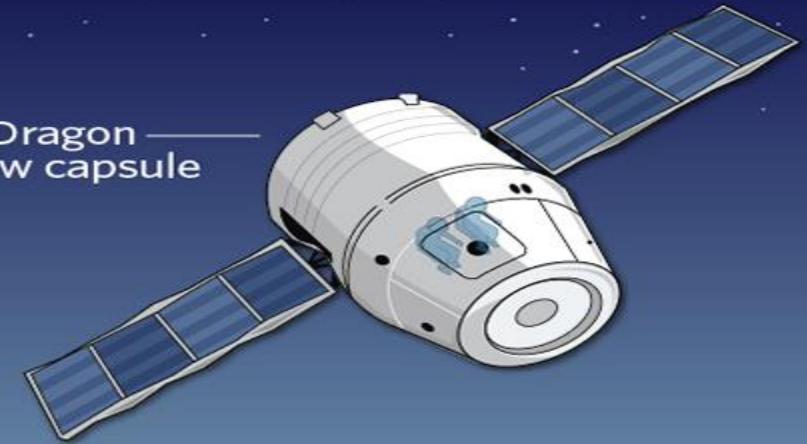
After Bell and Watson discovered that movements of the reed alone in a magnetic field could reproduce the frequencies and timbre of spoken sound waves. Bell reasoned that a skin diaphragm would reproduce sounds like the human ear when connected to a steel or iron reed. Watson built a receiver and a second membrane device was built for use as a transmitter.

Fly me to the moon

SpaceX plans to send two paying passengers in an autonomous spacecraft on a trip around the moon



Dragon
crew capsule



Vehicle: Falcon Heavy rocket and Dragon crew capsule
Capacity: 2
Flight duration: 1 week
Proposed launch date: 2018
Launch site: Cape Canaveral Florida

Falcon Heavy facts

- The Falcon Heavy rocket consists of three Falcon 9 rockets that will return to earth to be reused.
- The liftoff thrust of the Falcon Heavy is equal to 18 747 aircraft at full power.

Maths: We will be focusing on Statistics.

Objective: To interpret line graphs.

Please choose a video from the link below and focus on the teaching strategies used to help you interpret Tables and retrieve data from them.

[Interpreting Data, Graphs and Tables](#)

<https://newportjuniorschool.org.uk/wp-content/uploads/2019/10/Calculation-Policy.pdf>

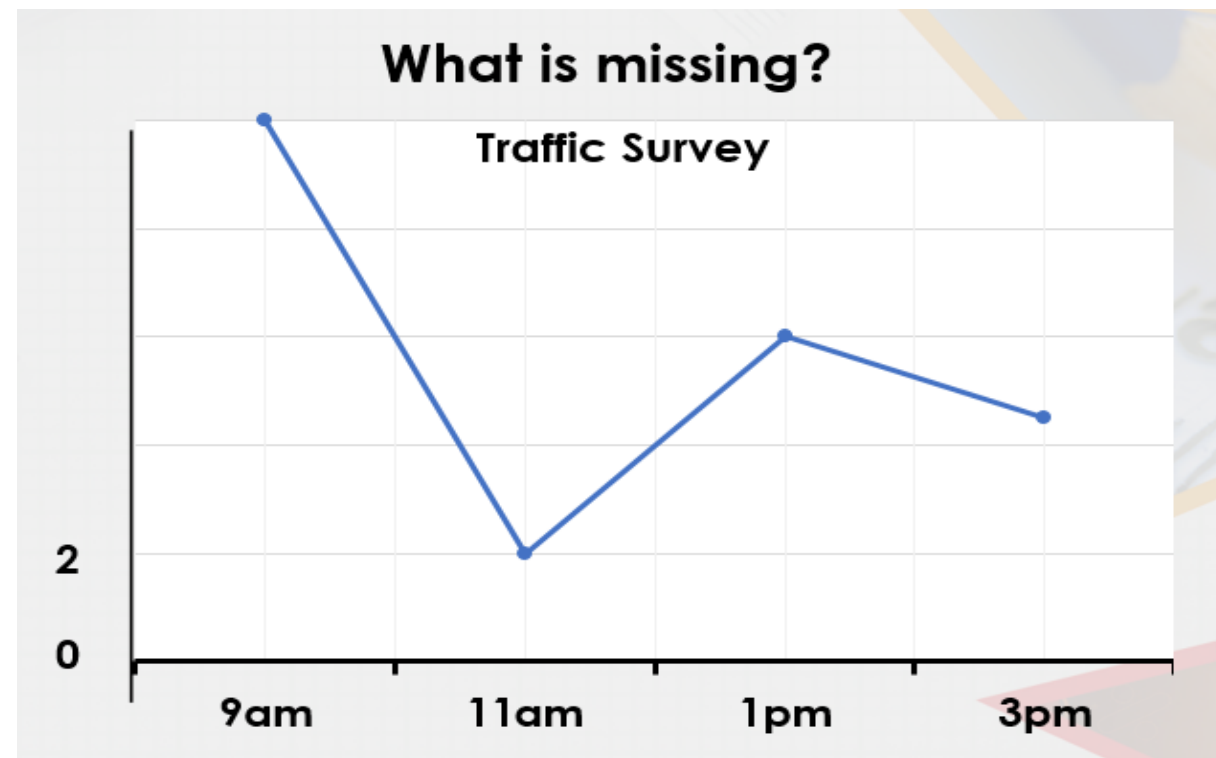
As we are beginning a new topic, please read the calculation policy which will offer guidance on how to set calculations out.

1* - Today you will be focusing on line graphs and you will need to interpret the data to answer the questions and solve the problems.

2*/3* - Today you will be focusing on line graphs and you will need to interpret the data to answer the questions and solve the problems.

Extension: Today you will be focusing on the line graph. Answer the true or false statement focusing on the graph.

Can you use the checklist to see what is missing from the graph?



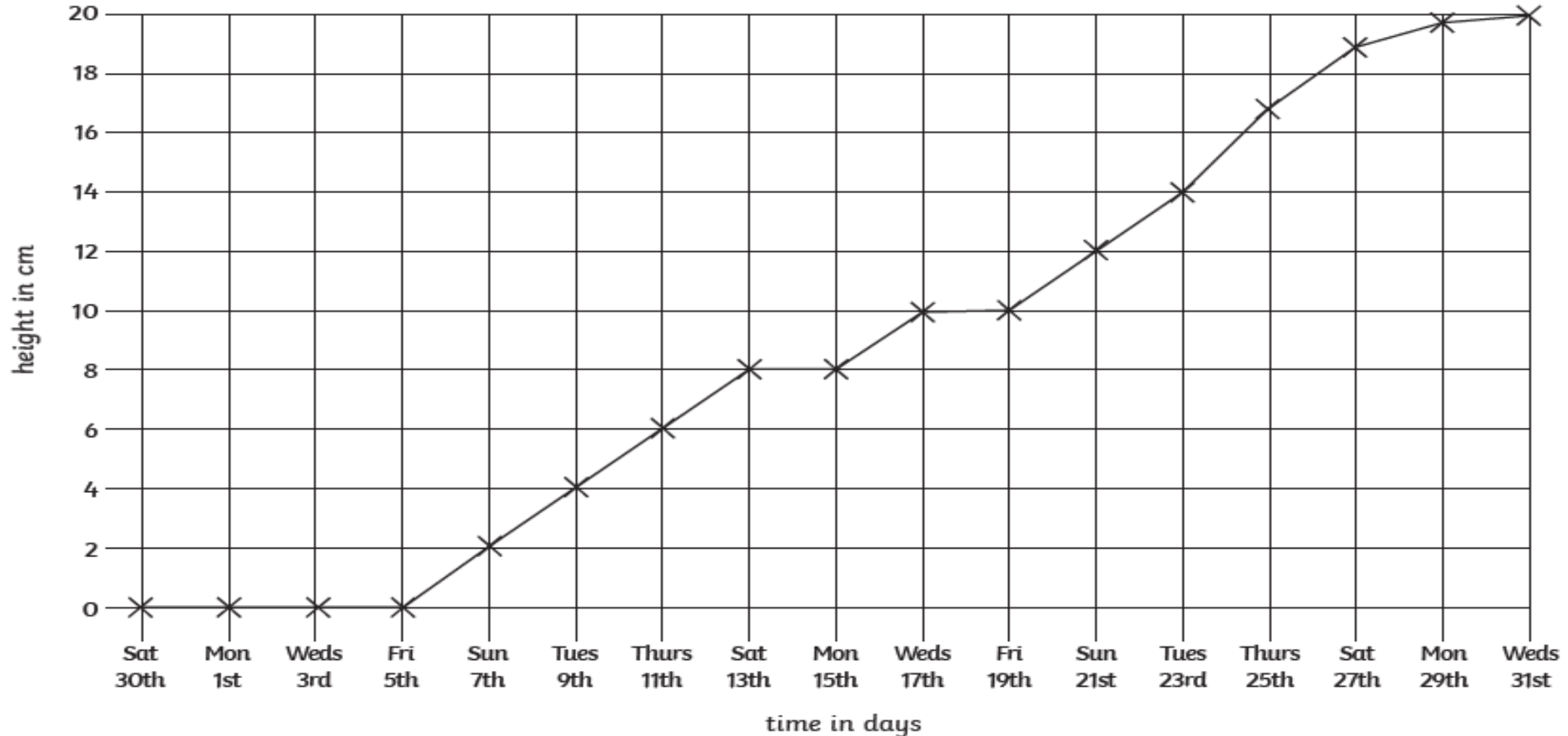
Use the checklist to make sure the line graph has all these items:

Title Axis Labels Scales

1 STAR TASK!

Sunflower Line Graph

Here is a line graph showing a sunflower's growth. It was planted on Saturday 30th July and its height was measured every 2 days.



Sunflower Line Graph

Questions

1. How many days did the plant take to grow 8cm?

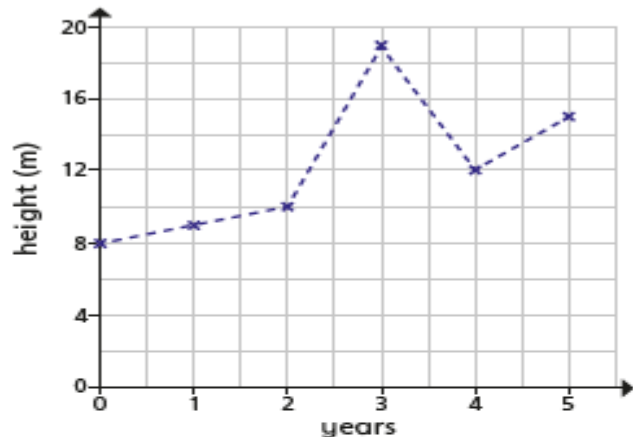
2. What is the height difference between Wednesday 17th and Tuesday 23rd?

3. What is the height of the plant on these days:
 - a) Thursday 11th
 - b) Friday 19th
 - c) Monday 29th
4. Why do you think there is no measurement in the first week?

Sunflower Line Graph Answer Sheet

1. How many days did the plant take to grow 8cm?
14 days.
2. What is the height difference between Wednesday 17th and Tuesday 23rd?
4cm.
3. What is the height of the plant on these days:
Thursday 11th **6cm**
Friday 19th **10cm**
Monday 29th **19.5cm**
4. Why do you think there is no measurement in the first week?
The plant has not grown in the first week.

1 The line graph shows the growth of a tree.



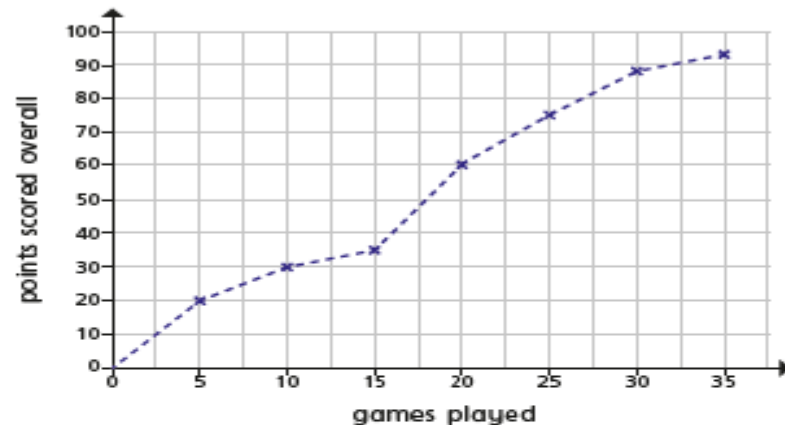
- What is the difference in height between the start and end of recording?
- How much did the tree grow between the 2nd and 3rd year?
- What happened in year 3? What might have caused this?
- By the 6th year the tree grows to three times the height it was in the 1st year.



The tree will be at the tallest height it has ever been.

Do you agree with Whitney?
Explain your answer.

2 The line graph shows the number of points scored over 35 games.

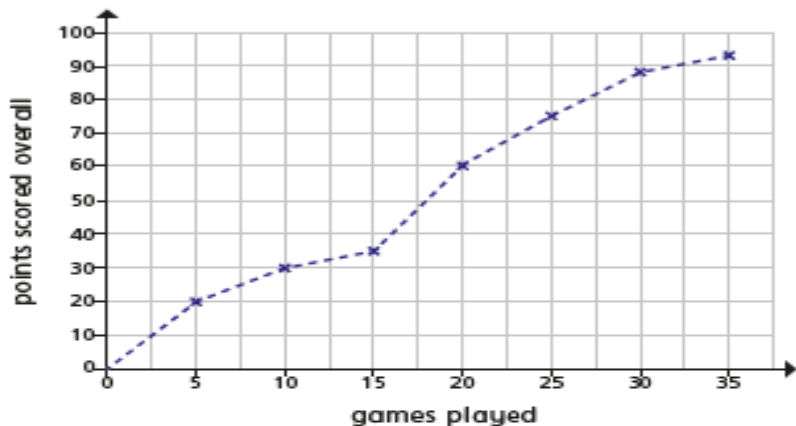


a) Use the line graph to complete the table.

Games	0	5							
Points	0						88	93	

- How many points were scored between games 10 and 25?
- Between which games did the points exactly double?
- Between which games were the least number of points scored?
- Estimate how many games it took to score 50 points.

- 2 The line graph shows the number of points scored over 35 games.

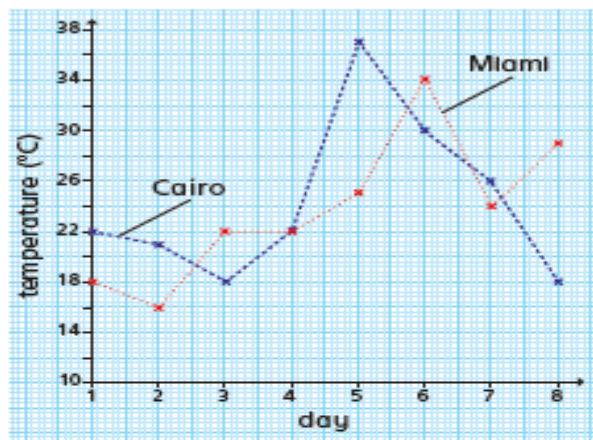


- a) Use the line graph to complete the table.

Games	0	5						
Points	0						88	93

- b) How many points were scored between games 10 and 25?
 c) Between which games did the points exactly double?
 d) Between which games were the least number of points scored?
 e) Estimate how many games it took to score 50 points.

- 3 The line graph shows the temperatures in Miami and Cairo over 8 days.



- a) On what day was the temperature the same in both cities?
 b) What is the difference in temperature between the hottest days in both cities?
 c) What is the difference between the hottest recorded temperature and the lowest recorded temperature?
 d) On which days was it warmer in Cairo than Miami?
 e) On what day was there the greatest difference in temperature between the two cities?

- 4 Use the clues to draw a line graph.

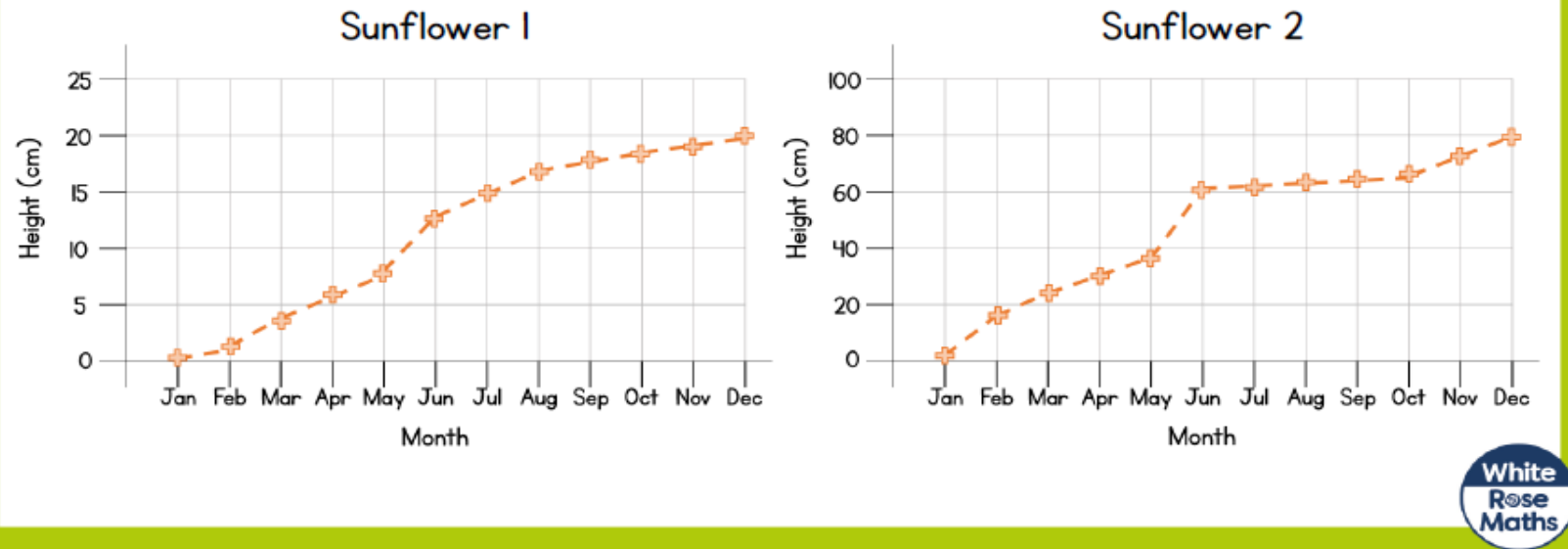
- In February there was £2,800 in the bank, which was the largest overall amount.
- May had the lowest amount.
- In March there was half the amount of February.
- In Jan there was £200 more than March.
- The total of March and April combined was £2,600
- The lowest amount was £2,400 less than the highest amount.
- In July and April there was the same amount of money.
- June = Feb - Mar - May

Compare answers with a partner.



True or False ?

The graphs show the height of two sunflowers over a year. There is no difference in their heights at the end of the year.



Please explore this statement by focusing on the line graph.
Is the statement true or false?

Reading:

Objective: To develop reading comprehension skills.

As this week in internet safety week, we have decided to develop our reading comprehension skills. George spends a lot of time online and we need to understand how to do this safely. **For reading today, there is a separate document on the website.** Below I have added the page numbers for each star level.

Pages 1-4 → 1 Star (Text and Questions)

Page 5 → 1 Star Answers

Page 6-10 → 2 Star (Text and Questions)


Page 11-12 → 2 Star Answers

Page 13-17 → 3 Star (Text and Questions)


Page 18-19 → 3 Star Answers

Safer Internet Day 2021

What is Safer Internet Day all About?
Safer Internet Day started in 2005 and now happens in over 100 countries around the world. It aims to help young people to use the Internet safely and make good choices online. This year, it is happening on Tuesday 9th February and the theme is 'An Internet we trust: exploring reliability in the online world'.



An Internet We Trust: Exploring Reliability in the Online World - What Does the Safer Internet Day 2021 Theme Mean?
The Internet is a great place to chat to friends and find out interesting and fun stuff. But how do we know the difference between what is fact and fiction?




Some Uses of the Internet:

- gaming
- shopping
- learning new things
- reading about famous people
- booking tickets
- chatting to friends

Although the Internet is a great source of information for young people, unfortunately, not everything is always as it seems. The online world also contains fake news and misleading content, which can affect young people's decisions, views and opinions.

What Is Fake News?
Fake news is false information that claims to be true and reliable news.




Fake News spot whether or fiction something ts can find a guide to help you spot fake news.

journalist - A person who writes news for newspapers, magazines or news websites.

Safer Internet Day

The 2021 Safer Internet Day theme focuses on supporting young people to be able to decide what they can trust online. It aims to help them to feel more comfortable at separating fact from fiction and to develop skills to be able to make the best decisions while online.



How Is Fake News Harmful?
Fake news is harmful because it:

- affects our views;
- breaks the trust we have of all people in the media, even though many are reporting honestly;
- causes people to act on false information.

Who is reporting the story? Check that a trustworthy news channel is reporting the story, such as the BBC.

- Is there an author or **journalist** name? If not, it could be suspicious.
- What is the domain name? Fake news stories will often have a strange domain name. Websites ending in .com.co are often fake versions of real sites.
- Does it seem professional? Bad web design, as well as poor spelling, punctuation and grammar, might mean it's fake news.
- Don't just believe the first thing you read is true; read stories from different places to get a range of viewpoints.

Other: Science

Objective: To make a musical instrument.

Last term our topic for Science was sound.

With lockdown and everything else getting in the way we did not get to the fun part - Making musical instruments!

Have a look at these ideas and see if you too could make a musical instrument...

https://www.youtube.com/watch?v=4nKxD_H_08Y

<https://www.youtube.com/watch?v=UWA1NAaRxhw>

<https://www.youtube.com/watch?v=V3KGrxmic6k>

<https://www.youtube.com/watch?v=JvPF6yZfJE>

Alternatively you could try and create your own.
Happy making.
We hope you have fun - let us know how you get on.

