

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).

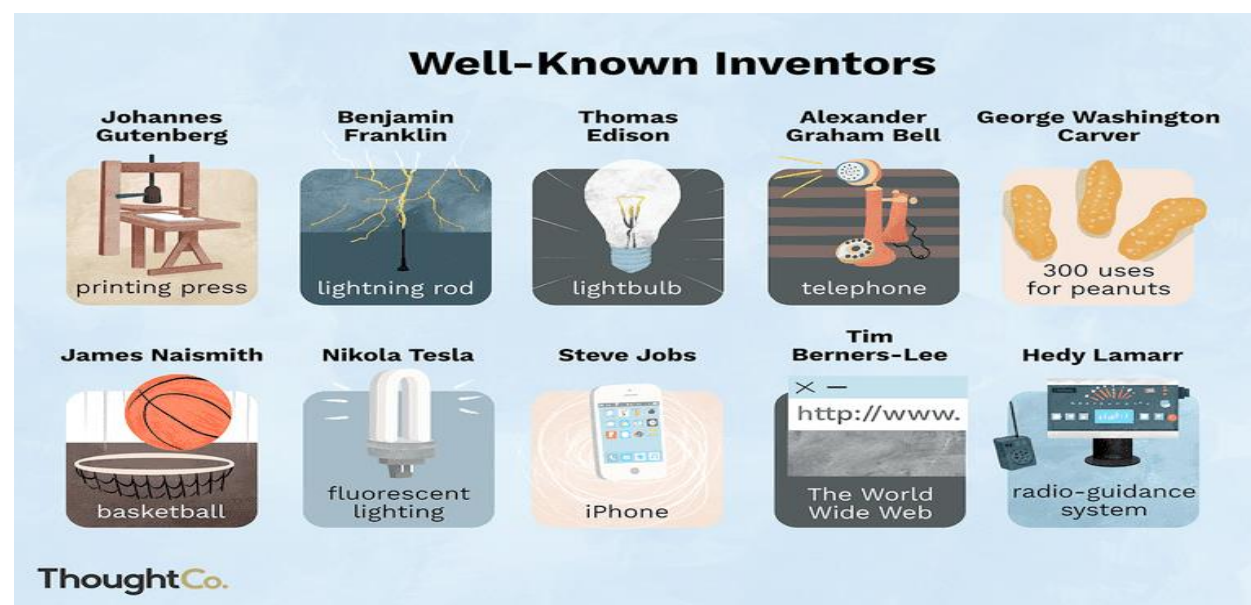
Stay safe everyone!

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

English:

Objective: To research an invention of my choice.

Over the years, new inventions are designed and created by various inventors. Some inventions, we don't always realise were designed hundreds of years ago. Many people see some inventions as 'game changers' meaning they help with our day to day lives. For example: the lightbulb or even a toilet.



Main task...

Have a look at the next slide for some classic 'game changers'.

Research a game changer (invention) of your choice and complete the following:

1. Who is the inventor? What can you tell me about them?
2. What is the invention? How does it work?
3. Draw an image of the invention.
4. Fun facts about your chosen invention.

Use the templates on the website to present your research!

Game Changers



Electrical batteries (then called voltaic piles) were invented in 1800 by Alessandro Volta, a physicist, chemist and one of the first electrical scientists.



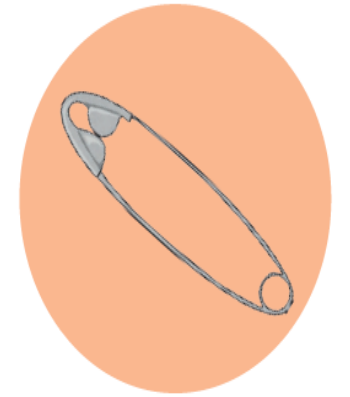
The beehive that we use today was invented in 1851 by Lorenzo Langstroth. He was an apiarist, clergyman and teacher. He is considered the father of American beekeeping.



The toilet flush was mass-produced in the 1880s by Thomas Crapper. While he did not invent the flushing toilet, he did help to develop some of its features and helped to build its popularity.



The first part of the World Wide Web was created in 1989 by Tim Berners-Lee. He is still developing the Internet with the World Wide Web Consortium.



The safety pin was invented in 1849 by Walter Hunt who also invented the first workable sewing machine.



Alva Fisher invented the first electric washing machine in 1907 which was sold commercially with the name 'Thor'.



Alexander Fleming discovered penicillin which is a medicine used to help fight infections.



The insect repellent, Aerogard, was invented in the 1960s by Doug Waterhouse.

What other game changers can you think of?

Maths: We will be focusing on Statistics.

Objective: To create Pictograms.

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

Interpreting Pictograms

<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 pictograms and you will need to complete the pictogram and answer the questions.

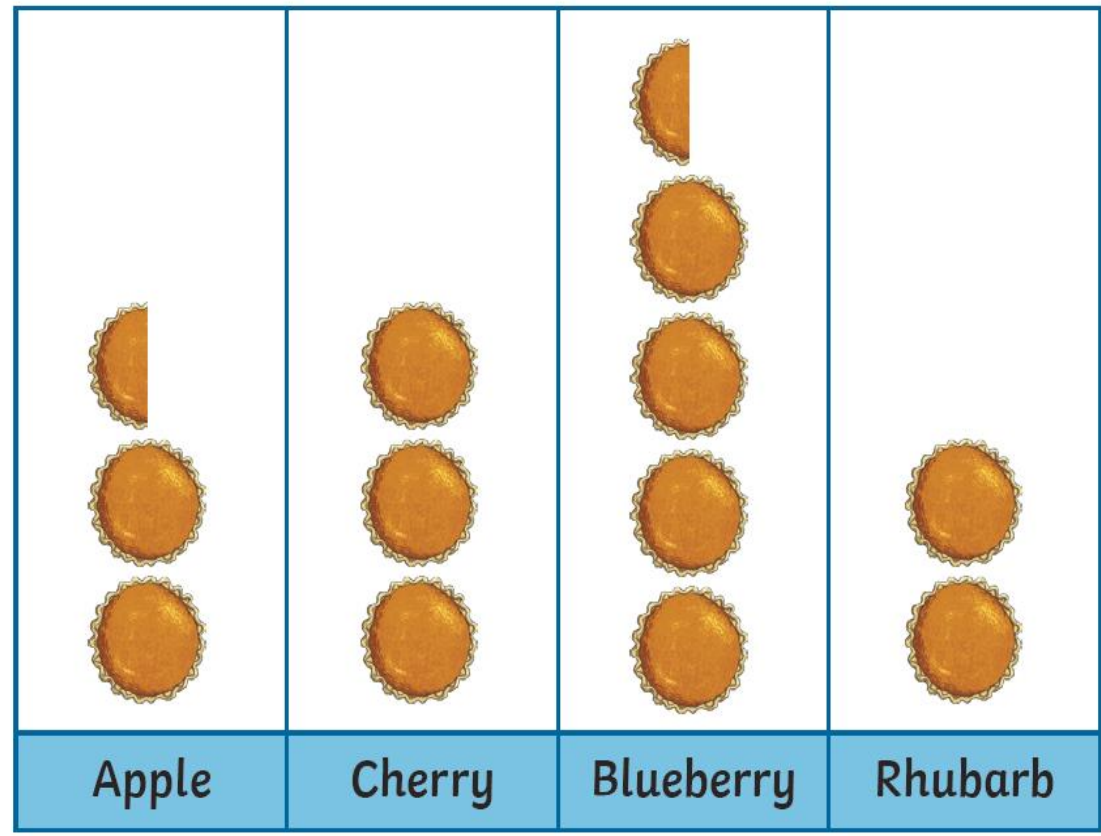
2*/3* - Today you will be looking at pictograms and count in 2's, 5's and 10's when focusing on symbols.

Extension: Today you will be focusing on the pictogram.


Each circle represents 2. Is the pictogram correct?

Please explain why in a full sentence.

What title would you give this pictogram
Can you solve the problem?



a) 24 children chose cherry. What is the scale of the pictogram?

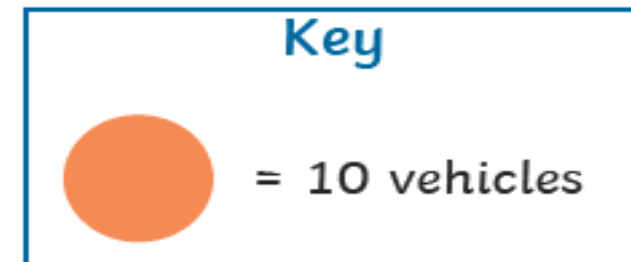
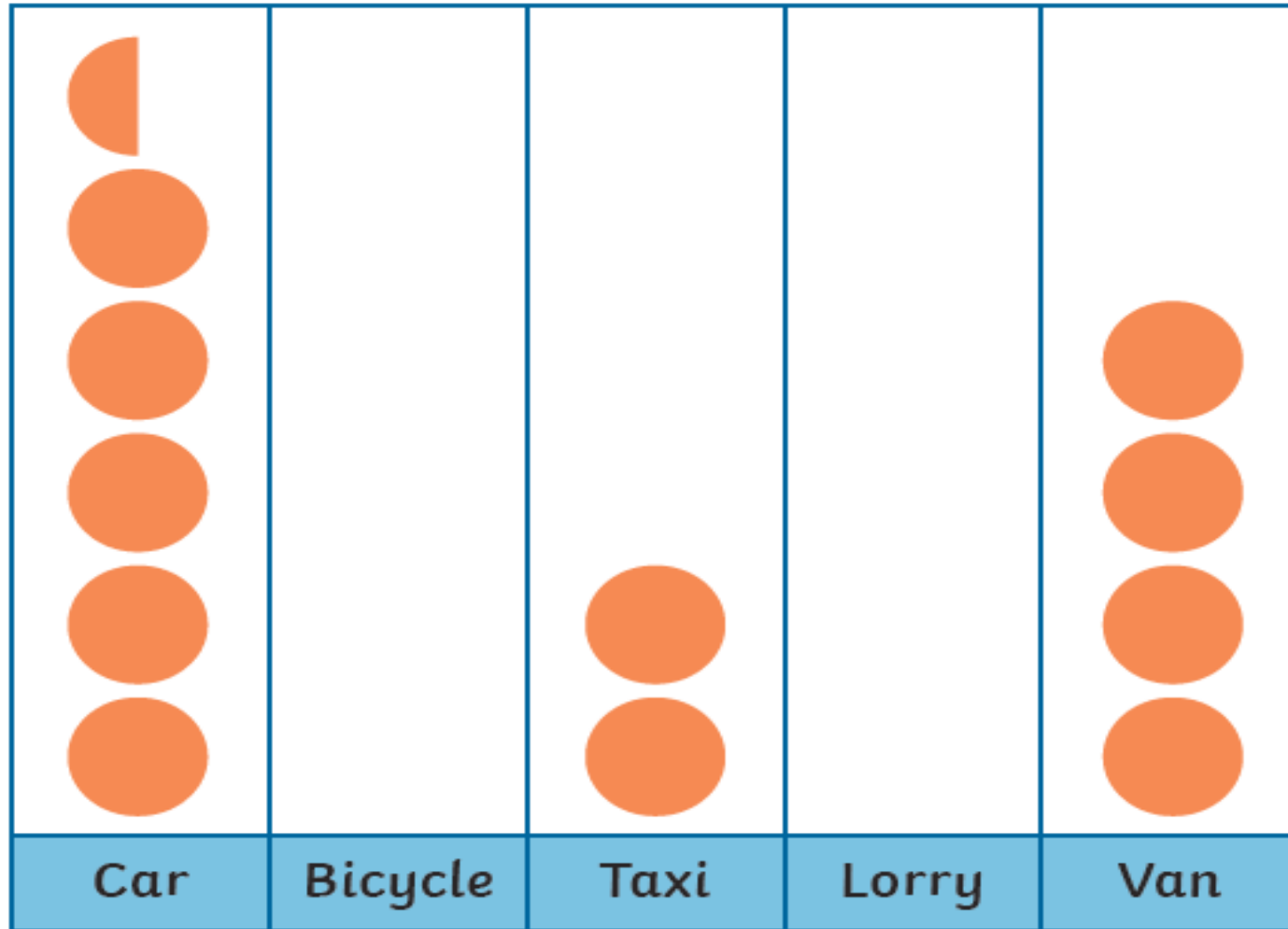
 = children

1 STAR TASK!

- 1) Anna counted the different types of vehicles she saw outside her school. She used a pictogram to show the data.



Different Vehicles outside School



1 STAR TASK!

Use this information to complete the pictogram:

- a) Anna counted 10 bicycles.
- b) There were 5 more lorries than there were taxis.

2) a) How much does half a circle represent? _____

b) How many cars did Anna see? _____

c) How many more vans were there than taxis? _____

d) What was the least common vehicle? _____

e) How many cars and taxis did Anna see altogether? _____



- 1 Dora, Dexter and Jack play basketball at break time. They record the goals they score in a pictogram.

Name	Goals
Dora	
Dexter	
Jack	

Key
 = 2 goals

- a) Complete the sentences.

Dora scores goals.

Dexter scores goals.

Jack scores goals.

- b) How many goals do they score altogether?
 c) How many more goals does Jack score than Dexter?
 d) How many ways could you work out the answer to part c)?



- 2 Two classes go on a trip to the zoo together. There are two coaches to take both classes.

	Coach 1		Coach 2
Boys		Boys	
Girls		Girls	

Key

- a) Which coach has more boys? = 10 children
 b) Which coach has more girls?
 c) How many girls are there in total?
 d) How many more girls than boys are there on Coach 2?
 e) How many more girls than boys are there on the trip to the zoo?
 f) How did you work out the answer to part e)?



- 3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Big Cat	= 2 big cats
Leopard		Lion	
Cheetah		Tiger	

2/3 STAR TASK!

Interpret pictograms (2, 5 and 10)

- 2 Two classes go on a trip to the zoo together.
There are two coaches to take both classes.

	Coach 1		Coach 2
Boys		Boys	
Girls		Girls	

Key

- a) Which coach has more boys? = 10 children
- b) Which coach has more girls?
- c) How many girls are there in total?
- d) How many more girls than boys are there on Coach 2?
- e) How many more girls than boys are there on the trip to the zoo?
- f) How did you work out the answer to part e)?

- 3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Big Cat	Key
Leopard		Lion	= 2 big cats
Cheetah		Tiger	

- a) Choose a word to complete the sentence.

There are _____ leopards than lions.

There are _____ lions than cheetahs.

- b)



If I add the number of cheetahs and lions together then it will be equal to the number of tigers.

Is Rosie correct?

How do you know?

- c)



Each represents 2 big cats so I can just double the amount of and that will be how many big cats there are.

Is Alex correct?

How do you know?

The pictogram is correct.

○ = 2 people

Favourite Sports		Total
Football	○ ○ ○ ○	4
Rugby	○ ○ ○ ○ ○	5
Gymnastics	○ ○	2
Swimming	○ ○ ○	3

Please explore this statement by focusing on the Pictogram.
Each circle represents 2 people.
Is the pictogram correct?
True or false; explain why.

Other: Beliefs and Values

Objective: To understand why disciples are important to Jesus.

Matthew 4:20-22

²⁰ At once they left their nets and followed him.

²¹ Going on from there, he saw two other brothers, James son of Zebedee and his brother John. They were in a boat with their father Zebedee, preparing their nets. Jesus called them,

²² and immediately they left the boat and their father and followed him.

Read the passage above. Try and answer the following questions...

1. What did James and John leave behind?
2. What special new job did the disciples gain once they followed Jesus?
3. Can you explain what the passage above means?



Jesus asked his followers to be 'fishers of people'.
Create a mind-map of jobs you think people might do if they were fishers of men.

They might have a job telling new followers where to go next.

