

Science, Topic and Foundation Subjects Home Learning Tasks

Spring Week 2 Monday

PE: Use PE with Joe to keep fit and active. Search 'The Body Coach' on YouTube - try and do this every day you can! You could also go for a walk or a jog outside or do some sport with others in your household.

See Science Task 1

Evolution and Inheritance

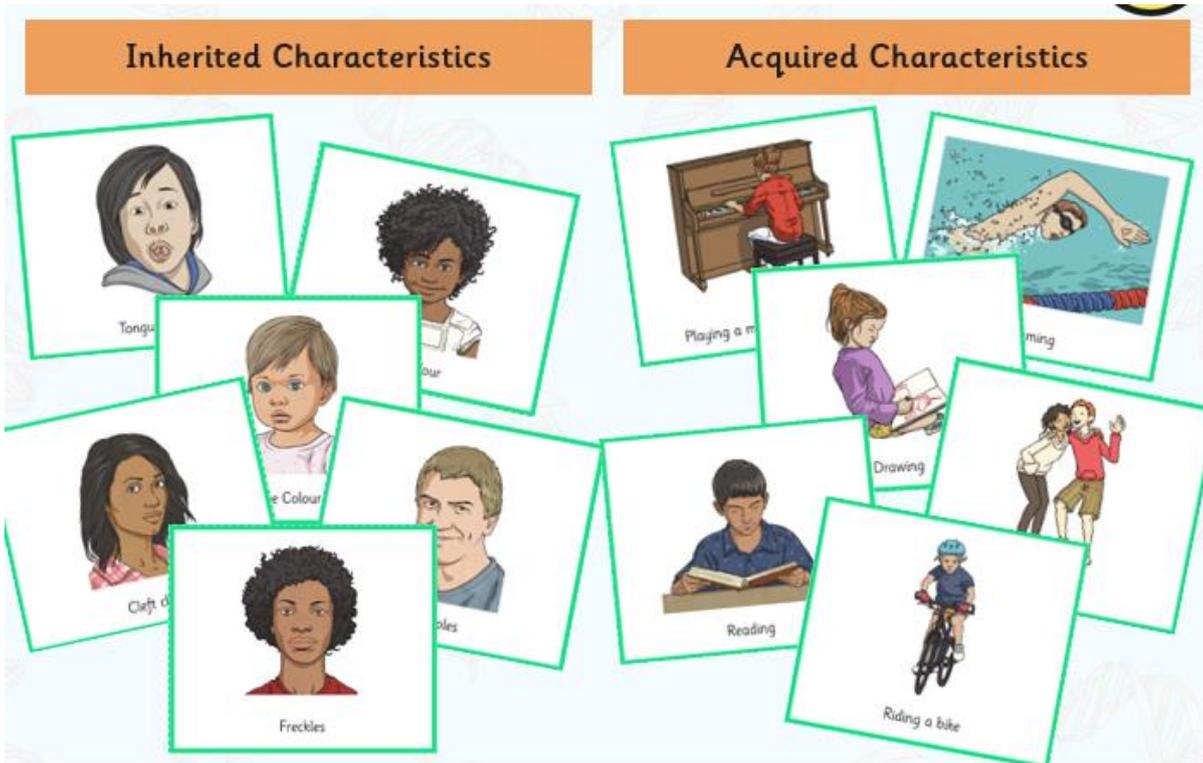
Learning Objective- To recognise that living things produce offspring, where some features may be inherited

Read through the ppt provided:

Now try to decide which characteristics are inherited and which are acquired. Mark Inherited with an I, Acquired with an A

 <p>Tongue rolling</p>	 <p>Hair colour</p>	 <p>Drawing</p>	 <p>Dimples</p>
 <p>Playing a musical instrument</p>	 <p>Swimming</p>	 <p>Cleft chin</p>	 <p>Reading</p>
 <p>Eye Colour</p>	 <p>Singing</p>	 <p>Riding a bike</p>	 <p>Freckles</p>

Answers :



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Spring Week 2 Tuesday

Music: See separate document from Mrs Denton

Computing: Privacy and security

Have you ever noticed a popup/splash screen that asks you accept/consent/agree to something before you can go to a webpage? What do you do when this happens? Do you read the long details of what you are consenting to?

Today we are going to find out what these are and what our options are...

Using a dictionary (book or online) what does the word **consent** mean?

Write a sentence using the word consent.

List at least 3 synonyms for the word 'consent'.

- 1.
- 2.
- 3.

Consent is giving permission for someone to do something.

Online, a user's personal information is a very valuable commodity, especially to companies. They want to find out your personal information so that they can potentially sell it on. It used to be that they could find this information easily e.g. if you visited a website about dogs then they learned that you like dogs and they could then sell or pass that information on to pet or dog related advertising companies. So suddenly you start to see lots of advertisements and pop ups about dogs!

However, a couple of years ago new data protection laws came into place where they need to ask your permission to share information or tell you what information they are collecting about you online.



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By clicking Continue, you agree to the Facebook Terms, Data Policy, and cookies policy. When you access websites through FreeBasics.com, Facebook processes your mobile data through its servers. Facebook may also use your phone number to send you SMS notifications and more. Learn more about privacy on Free Basics.

Continue

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Have you ever come across a pop up/screen splash like this?

You have 2 options you can either continue which is you consenting to them collecting personal information. Or reject close the website, which is you not consenting to them collecting personal information about you online.

Websites legally have to show this now and they often make it hard for you to reject as they will be able to make money out of your personal information if you click continue /accept.

However, there is something called the digital age of consent - how old you have to be to be able to give consent online.

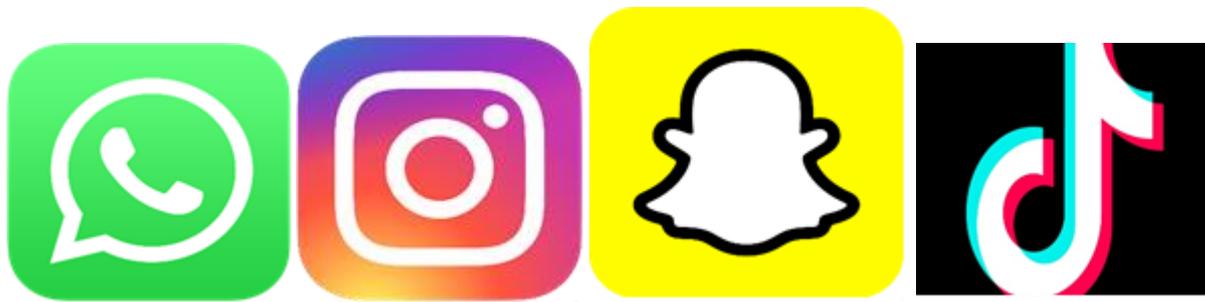
Can you guess the age?

Yes, that's right it is 13 years old.

Everyone in our school is young to legally give consent. In the same way though you are too young to give consent they are not allowed to ask for it either.

Have you noticed that if you visit websites designed and created for children they don't ask to gather information or store cookies? That's because they are not allowed.

Look at each of these app icons do you know what apps they represent? Do you use any? Did you give any consents with them?



What are the age restrictions on these apps?

From what you have just read above why do they have this age restriction?

List some of the personal information that you think they collect and sell about you and to whom might they sell and share it with.

Reflect:

The digital age of consent is there to protect YOU!

Each country is allowed to set their own age of consent between 13 and 16 years of age and the UK has chosen 13 years. Therefore, it is really important that you know exactly what information we are giving companies. If you are asked for consent online, and you are unsure of what they asking for, then you **MUST** ask a **TRUSTED** adult first. Please don't just accept or give consent!

Has what you have learnt today made you think about why these popular apps have these age restrictions.

Would you reconsider setting up an account on one of these apps knowing they are collecting your personal information and selling it on.

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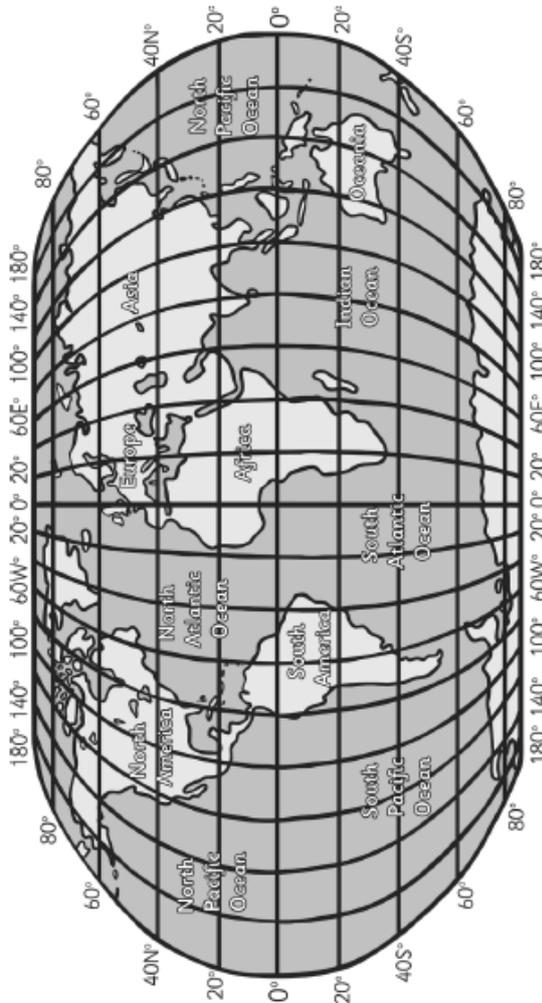
Spring Week 2 Wednesday

Topic Task 1

Understanding Longitude and Latitude:

If you can find the BBC Bitesize article called 'Understanding Longitude and Latitude' it will be very helpful for developing your understanding. <https://www.bbc.co.uk/bitesize/articles/zvhkbqt>

Map Co-ordinates



Which area of the world would you be in if you were at the following co-ordinates:

- 20°S 80°E _____
- 40°N 20°W _____
- 60°N 40°E _____
- 40°S 0°W _____
- 40°N 100°E _____
- 20°N 160°E _____
- 20°N 20°E _____
- 60°S 140°W _____
- 30°S 140°E _____

Art: Research Ely Cathedral and draw your own sketch of the Cathedral that Zoe finds in Foodland.

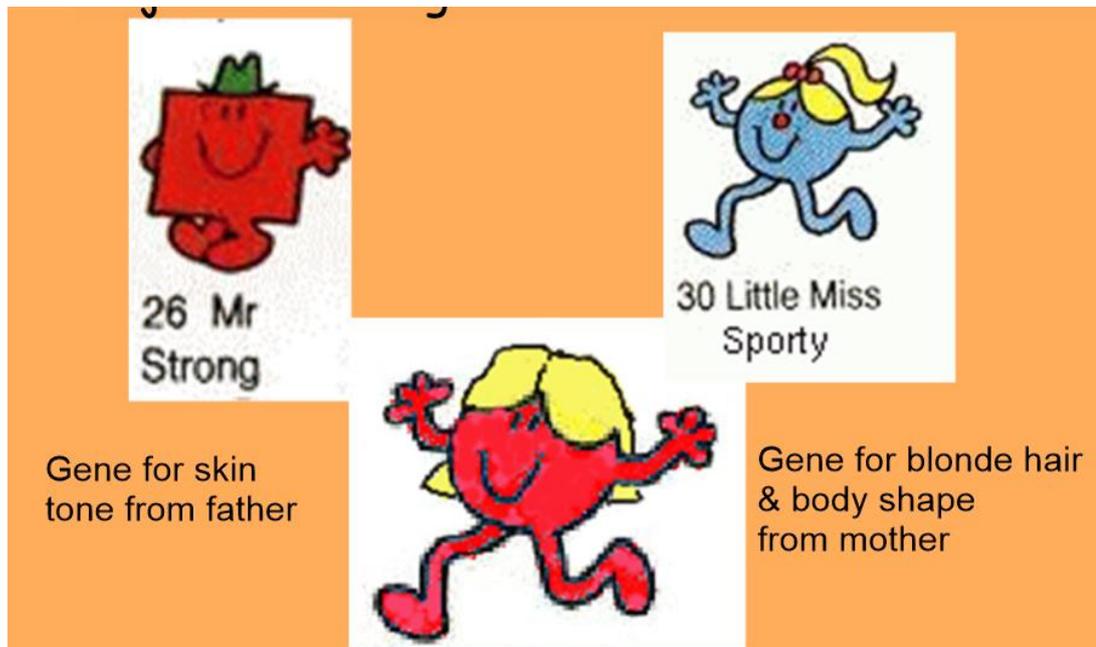
Topic and Foundation Subjects Home Learning Tasks

Spring Week 2 Thursday

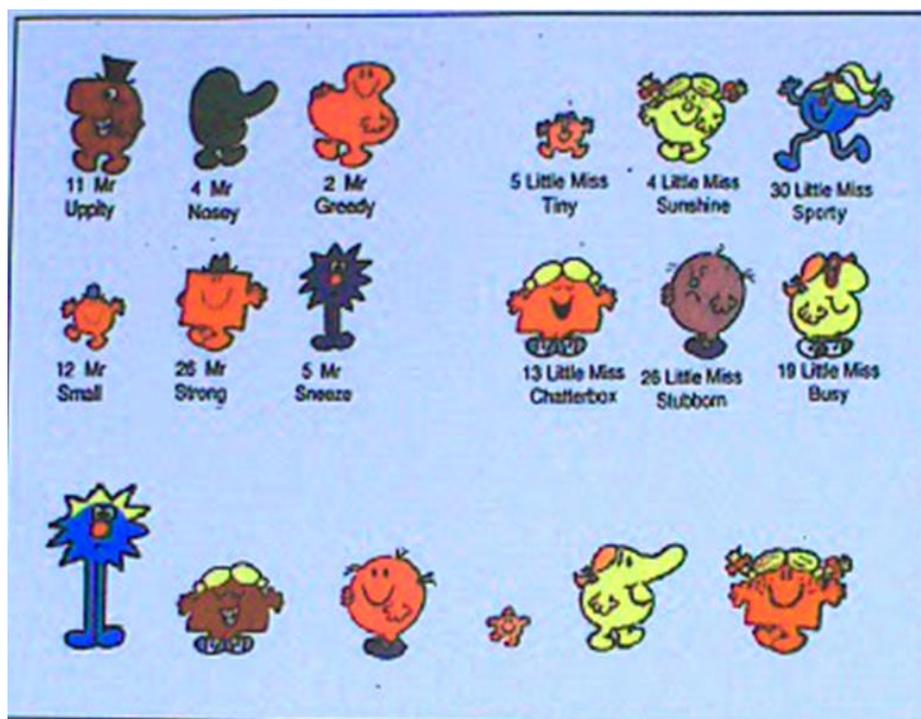
Science Task 2

Learning Objective- To apply an understanding of inherited characteristics.

Look at the example below, this shows the offspring of the parents and the inherited characteristics from each.



Below you are provided with 12 possible parents and 6 offspring, cut and paste (or draw if you prefer) from the image to show which parents might have produced which offspring and note the inherited characteristics from each parent as in the example above.



RE:

How and why does religion bring peace and conflict?

In the next few weeks we will be exploring the question above...

But before we do this, we need to understand what **Peace** and **Conflict** mean?

Using a dictionary (book or online) write a definition for each word -**Peace** and **Conflict**.

Now write a sentence to explain what **Peace** and **Conflict** mean to you?

What type of words are they? Nouns, verbs etc. Can they be used as different word classes depending on the meaning of the word?

Are they homonyms or homophones?

In today's lesson I want you to describe a time, when you have been at **peace** or what makes you felt peaceful.

Give as much detail as you can and use lots of adjectives -descriptive words.

Now do the same for **conflict**.

Has there been a time where you have faced conflict in your life? Maybe a disagreement with a sibling or friend? Which emotions did you feel? How did you resolve it? Did this help ease those emotions? How did the **conflict** get resolved?

How would you describe **peaceful**, list the words and phrases below.

-
-
-
-
-

How would you describe **conflict** - list some words and phrases below.

-

-
-
-
-

List ways in which you can make yourself feel **peaceful**. Are there any routines or things you do to promote **peace** or peaceful feelings?

-
-
-
-
-

List things that disrupt this feeling of **peace** and that might cause you **conflict** or those feelings linked to **conflict**.

-
-
-
-
-

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Spring Week 2 Friday

Topic Task 2

Carry out some research on Longitude and Latitude using Primary Homework Help

<http://www.primaryhomeworkhelp.co.uk/time/latitude.html>

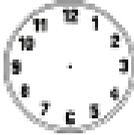
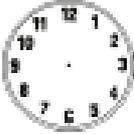
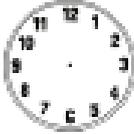
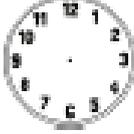
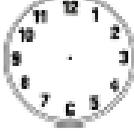
What can you find out about different time zones? Can you work out the missing times?





What's the Time in...?



	London 06:00	Rio de Janeiro _____	
	London 10:00	New York _____	
	London 07:00	Washington _____	
	London 21:00	Edinburgh _____	
	London 14:00	Milan _____	
	London _____	Helsinki 14:00	
	London _____	Sydney 18:00	

French: <https://www.youtube.com/watch?v=HXjDeHnLCnE> Search 'French with Mr Innes describing people' on YouTube