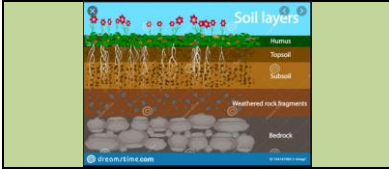
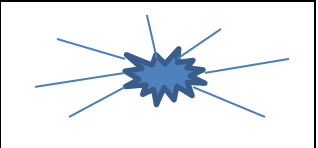
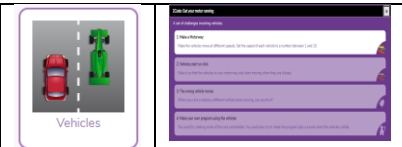



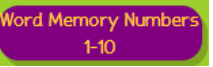
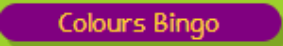





Year 3 Homework Menu – Spring term W/B 22.2.21

<p>Science 1 Rock Investigation Using a selection of different rocks, test whether they absorb water and if they are worn away easily. To test permeability add a few drops of water using a pipette / dropper onto the rock and observe whether it is absorbed. To test durability, use a small square of sandpaper or nail file, sand each of the rocks. Does it wear away easily?</p>	<p>Science 2 Fossils How are fossils made? Watch the video below. https://www.bbc.co.uk/bitesize/topics/z9bbkqt/articles/z2ym2p3 Then, look at the pictures, cut them out and put them in the correct order showing the fossilization process. Can you match a sentence to each one?</p>	<p>Science 3 Soil What is soil? What is soil made from? Draw a labelled cross section diagram of soil. What are the different layers? What can you find in each layer?</p> 	<p>Topic Climate Change Using a mind map, write down everything you know about Climate change. Don't worry if you don't know anything.</p>  <p>What is the difference between weather and climate? Research and share your findings.</p>	<p>Topic Global Warming What can you find out about Global warming? Research and record your findings. Read the information below and try to match the statements to the correct part of the picture.</p>				
<p>Computing -coding Complete 'Vehicles.' https://www.purplemash.com/app/code/gibbon/vehicles</p>  <p>Follow the on-screen instructions and see if you can complete the coding correctly. Don't forget, there are hints if you get stuck!</p>	<p>French Log onto Language Angels and click on:</p>  <p>Choose what kind of device you are working in on then click</p>  <p>After that, click</p>  <p>Work your way through</p>  <p>and</p> 	<p>RE What do different people believe about God? Thinking about the three religions we looked at last time - Christianity, Hinduism and Islam, what are the similarities and differences between these views of God? Is there anything that is the same for two or three of the religions and what they think about God? What are the differences? Complete the grid in your books:</p> <table border="1" data-bbox="898 1474 1283 1552"> <tr> <td>Similarities</td> <td>Differences</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Similarities	Differences			<p>Music Listen to 'Three little birds,' by Bob Marley. Can you sing along with the verses and the chorus? https://www.youtube.com/watch?v=F4sNi2PUiWM Then listen to 'Jammin', another song by Bob Marley https://www.youtube.com/watch?v=nYIySvED3NM Is there anything the same with the two songs? What is different?</p>	<p>PE Have a look at the challenge below (Larger version below)</p>  <p>Did you achieve Bronze, silver or gold?</p>
Similarities	Differences							

Don't forget - You can use your afternoon learning time to complete Science Fair Project instead.

Why not choose an area of Science you are interested in and make your presentation?

Entries must be sent to your Class Email address in the week beginning 15th March 2021. Good Luck!

Science 1 - Rock investigation

From your garden, or from a walk, collect a range of different stones. Have a go at testing each of the rocks and fill in the table below.

Name of Rock	Permeable Does it allow water to pass through?	Durable Is it hard wearing?	Density Is it high density (sinks) or low density (floats)?	Hard or Soft

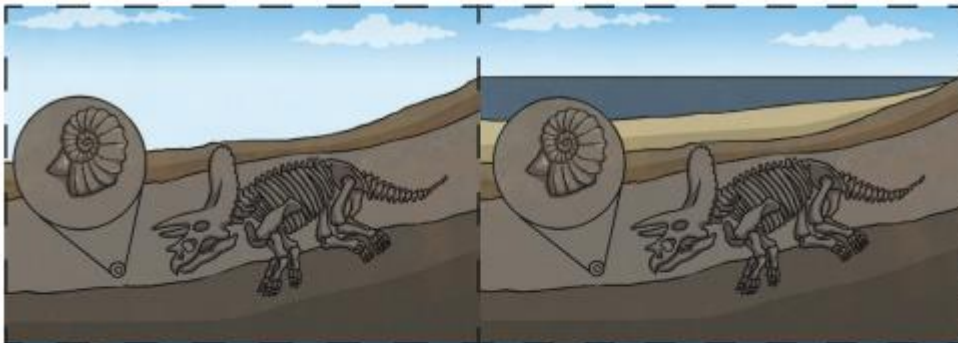
As an extra challenge, can you tell me whether the rocks are Igneous, Metamorphic or Sedimentary? Write an; I, M or S next to each one.

Extra information:

Igneous and metamorphic rocks are hard compared to sedimentary rocks which are more likely to be soft, for example clay and chalk.

Science 2

Cut out the pictures and put them in the right order. Can you match the sentence to each of the pictures.



As erosion and weathering takes place, eventually the fossils become exposed.

Over a long period of time the sea will recede in certain places.

Over time more layers of rock cover it and by this time the only thing to remain of the animal would be its bones (except in the case of mould fossils where the bones would also be decayed).

An animal or creature dies and ends up in the sea. It gets covered by a layer of rock.

Over thousands of years the mould fossil might become a cast fossil with sediment entering the mould. In the case of replacement fossils, the original bone matter changes to mineral matter but this does not affect the shape of the bones.

Topic Read the information. Cut out the statements and place them in the correct place on the diagram.

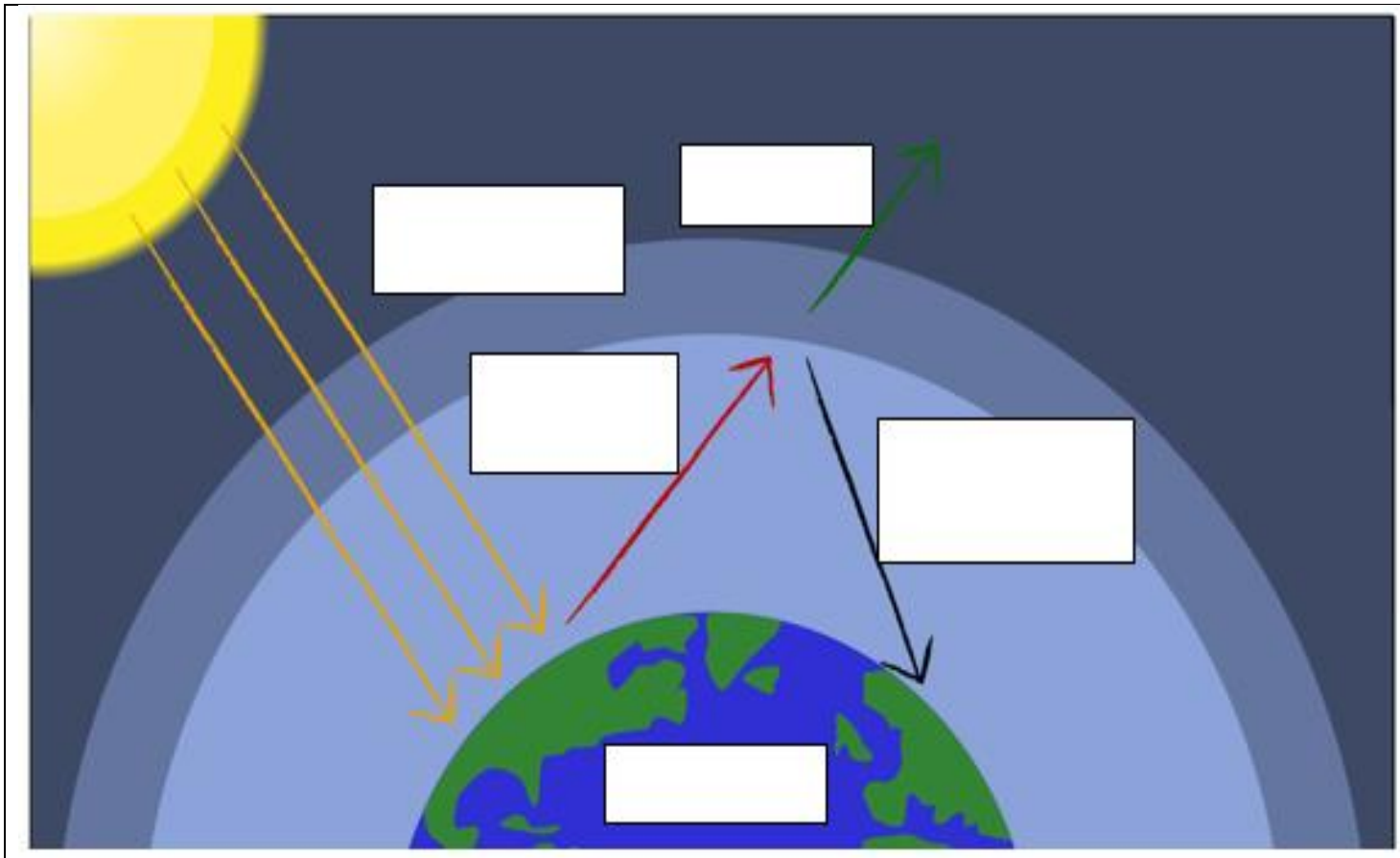
Global Warming

Global warming is the rising in temperature of the earth's atmosphere.

It is said that by the time babies that are born today are 80 years old the earth will be 6 degrees warmer than it is now.

Not all global warming is bad, the earth needs to be kept at 16 degrees so that plants, animals and humans can live. The more greenhouse gases we make though, the thicker the blanket around the Earth gets. This results in more heat being trapped which causes the Earth to get hotter. This is when global warming is bad.





The earth's rays enter the earth's atmosphere as light and heat energy.

Some of the heat escapes.

Some of the heat is reflected from the earth's surface.

Some of the heat gets trapped by the layer of greenhouse gases.

The earth gets hotter as a result.

60 Second Challenge Around the World

Do you believe in yourself and keep trying if you drop the ball?

The Physical Challenge

How many times can you pass the ball around your waist in 60 seconds?

If you drop the ball you need to pick it up quickly and carry on.



#StayHomeStayActive

Equipment

A ball

If you do not have a ball use a pillow or a cuddly toy

Achieve Gold

50 Times around your waist.



Achieve Silver

40 Times around your waist.



Achieve Bronze

30 Times around your waist.



60 Second Challenge Speed Bounce

Are you honest?
Only count the jumps that are completed properly.

The Physical Challenge

How many times can you bounce over a pillow in 60 seconds?

Both feet must land over the pillow for the jump to count.



#StayHomeStayActive

Equipment

A pillow

If you do not have a pillow, jump over a safe object!

Achieve Gold

80 Bounces



Achieve Silver

60 Bounces



Achieve Bronze

40 Bounces

