



Year 3 Homework Menu – Spring term W/B 1.2.21

<p>Science Natural or Human-made rocks. What are rocks? Are rocks alive? How do you know? Why are there rocks everywhere? How do rocks form? Have a look at the pictures below. Can you sort them into Natural Rocks and Human-made Rocks?</p>	<p>Science Look again at the rocks below. Can you give an example for the use of each of the type of rock? Set it out in a table like this:</p> <table border="1" data-bbox="520 602 873 735"> <thead> <tr> <th>Natural Rock</th> <th>Uses</th> <th>Human - Made Rock</th> <th>Uses</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Natural Rock	Uses	Human - Made Rock	Uses					<p>Science Can you remember the meanings of these words: Igneous, metamorphic, sedimentary? Look at the rocks below again and focus on the Natural rocks. Now, can you sort the Natural rocks in to the correct type? Draw and complete the table below.</p> <table border="1" data-bbox="898 748 1299 833"> <thead> <tr> <th>Igneous</th> <th>Metamorphic</th> <th>Sedimentary</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Igneous	Metamorphic	Sedimentary				<p>Topic Have a look at the information about the Earth below. Can you label the different parts? Have a go at answering the questions about the earth. For an extra challenge, can you find out the temperature of each part of the earth?</p>	<p>Topic What are volcanoes? Have a look at the link below: https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zd9cxyz Can you explain to me what a volcano is? Write a paragraph/ paragraphs to explain. Have a go at the quiz too - Let me know how you got on!</p>
Natural Rock	Uses	Human - Made Rock	Uses															
Igneous	Metamorphic	Sedimentary																
<p>Computing -coding Complete 'Snail Race.' https://www.purplemash.com/app/code/chimp/snailrace</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? Choose one of these religions and research their beliefs:</p> <p>Christians think of God as Trinity - Father, Son and Holy Spirit; What can you find out about this? Hindu beliefs about the Trimurti - Brahma (creator), Vishnu (preserver), Shiva (destroyer). What can you find out about this? Islam - The 99 Names of Allah; What can you find out about this?</p>	<p>Music Listen to 'Three little birds,' by Bob Marley. Can you sing along to the chorus? https://www.youtube.com/watch?v=F4sNi2PUiWM Answer these questions:</p> <ol style="list-style-type: none"> Do you like the song? What instruments can you hear? What is the style of music?  <p>4.</p>	<p>PE Have a look at the challenge below (Larger version below)</p> <p>60 Second Challenge Socks in the Box</p>  <p>The Physical Challenge How many socks can you pair up and put in the box in 60 seconds? Place unpaired socks 5 steps away from a box. Players run, match up a pair of socks and place them in the box. #StayHomeStayActive</p> <p>Equipment Socks and a Box! If you do not have a box use a bowl. Throw in unpaired socks as red herrings.</p> <p>Achieve Gold 20 pairs of socks</p> <p>Achieve Silver 15 pairs of socks</p> <p>Achieve Bronze 10 pairs of socks</p> <p>Complete P.E. YOUTH SPORT TRUST 25 Believing in every child's future</p>														

Natural or Human-made rocks?

Brick



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Granite

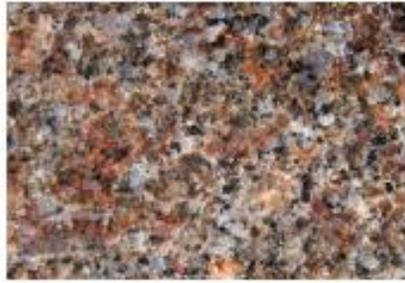


Photo courtesy of James Beale - granted under creative commons license - attribution

Coade Stone



Photo courtesy of Peter Tomney (iStock.com/edwardj) - granted under creative commons license - attribution

Sandstone



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Chalk



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Marble



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Quartzite



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Basalt



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Concrete



Obsidian

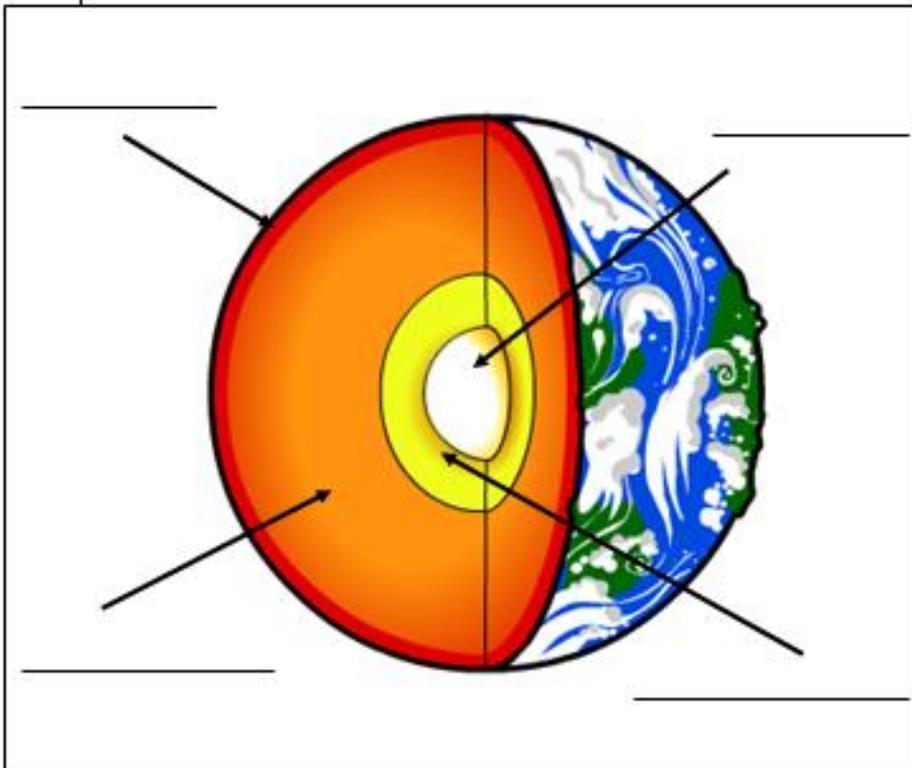


Limestone



Slate





1. What shape is the earth we live on?

2. What is under our feet, under the building we are in and deep underneath that?

3. What is in the very centre of our earth?

4. What is the ground made from?

5. Is everything under our feet solid?

The bit of the earth which we live on is called the crust. It is a thin layer of solid rock. It is much thicker under the land than it is under the ocean. Below the crust lies the mantle. It is a much thicker layer of rock which as you get deeper, gets so hot that it becomes a liquid. It flows very slowly. Further down there is the outer core. The outer core is so hot that the rock is liquid. The inner core is solid and the heat is trapped inside the earth by the layers above.

Label each part of the earth. Then record the temperature of each part.

Inner core - -----
Outer core - -----
Mantle - -----
Crust - -----

60 Second Challenge

Skipping

The Physical Challenge

How many times can you skip in 60 seconds?

Both feet must land over the rope for the skip to count.

#StayHomeStayActive



Do you keep trying even when you want to give up?

Equipment

Skipping rope

If you do not have a rope, do not worry, you can jump on the spot or use a dressing gown rope!

<p>Achieve Gold</p> <p>70 skips</p>	
<p>Achieve Silver</p> <p>50 skips</p>	
<p>Achieve Bronze</p> <p>30 skips</p>	

60 Second Challenge

Socks in the Box

The Physical Challenge

How many socks can you pair up and put in the box in 60 seconds?

Place unpaired socks 5 steps away from a box. Players run, match up a pair of socks and place them in the box.

#StayHomeStayActive



Do you keep trying even if you struggle to match up a pair of socks?

Equipment

Socks and a Box!

If you do not have a box use a bowl.

Throw in unpaired socks as red herrings.

<p>Achieve Gold</p> <p>20 pairs of socks</p>	
<p>Achieve Silver</p> <p>15 pairs of socks</p>	
<p>Achieve Bronze</p> <p>10 pairs of socks</p>	




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