



STRUBENVALE PRIMARY SCHOOL

LOCKDOWN WORK

GRADE 4: NATURAL SCIENCES AND TECHNOLOGY – 27th to 31st July 2020

Hi Strubies learners!

I hope that you are keeping safe and warm during this time. Below is revision work for you to complete. Please note the online work will stop when learners come back to school.

- Complete the work in the back of your Natural Sciences and Technology book.
- Each day's activity should have the date, heading and sub-heading.
- Remember Question, underline, answer, skip a line.
- Rule off after each activity.
- Work neatly in blue pen.
- Keep up with your work so that you don't fall behind.

Matter and Materials

MONDAY	<p><u>RAW AND MANUFACTURED MATERIALS</u></p> <p>Dictionary work</p> <p>Look up the definitions for the following words</p> <p>1. Raw materials _____</p> <p>2. Manufactured materials _____</p> <p>3. Sand _____</p> <p>4. Clay _____</p> <p>5. Plastic _____</p>														
TUESDAY	<p><i>Sand</i></p> <p>Sand is a raw material that I used to make glass. When sand is heated it melts into a liquid and can be shaped into different things. When it cools down it changes from a liquid back onto a solid. We use glass to make many useful things that we use for example windows.</p> <p><i>Plastic</i></p> <p>Plastic is a manufactured material that is made from coal and oil. Plastic is very useful to us.</p> <p>Clay is a raw material that is used to make wash basins baths toilets etc. Clay needs to be baked at high temperatures to harden and strengthen it. Ceramics are very hard but also brittle which means that they can break easily</p> <p><u>Complete the following table.</u></p> <p>Write in what material were used to make the following</p> <table border="1" data-bbox="316 1759 930 1982"><thead><tr><th>Items</th><th>Materials used</th></tr></thead><tbody><tr><td>Ceramic toilet</td><td>Clay</td></tr><tr><td>Plastic table</td><td></td></tr><tr><td>Glass window</td><td></td></tr><tr><td>Baby bottle</td><td></td></tr><tr><td>Ceramic basin</td><td></td></tr><tr><td>Cups</td><td></td></tr></tbody></table>	Items	Materials used	Ceramic toilet	Clay	Plastic table		Glass window		Baby bottle		Ceramic basin		Cups	
Items	Materials used														
Ceramic toilet	Clay														
Plastic table															
Glass window															
Baby bottle															
Ceramic basin															
Cups															

pen	
ruler	

Dictionary work – Find Definition

Wool _____

Hides _____

Leather _____

Fabric _____

Questions

Video wool - <https://www.youtube.com/watch?v=TtP63IOhg1Y>

1. Where does wool come from? _____

2. What is leather? _____

3. What can leather be used to make? _____

4. Why is wool useful to us? _____

WEDNESDAY

Video Clay/Ceramics - <https://za.pinterest.com/pin/26951297743939521/>

Video Glass Blowing - <https://www.youtube.com/watch?v=7zPf1NF-DDU>

Match each word in column A with the correct definition in column B

Column A	Column B
a. Ceramics	1. Made from coal and oil
b. Brittle	2. Heated sand
c. Plastics	3. Bends easily
d. Flexible	4. Used to soak up liquid
e. Absorbent	5. Fine particles of sand
f. Clay	6. Breaks easily
g. Glass	7. Made from clay and baked

THURSDAY

1. Name one object that is made from a soft material _____

2. Name 5 objects that are flexible _____

3. What can plastic be used for? _____

4. Why is glass useful to us? _____

5. Explain what a raw material is _____

6. Explain what a processed material is _____

FRIDAY

Cut out and paste pictures of the following onto your work sheet

Ceramic materials

Glass materials

Plastic materials

Wool

leather

Well done for completing week 15. Have a good weekend and I will see you back in your home class on Monday!! 😊