

**KS3:****Topic:****Spring term 2020**

<b>SUBJECT</b>	<b>ACTIVITIES</b>	<b>How you can help at home</b>
Year 7 SCIENCE	Over this term, pupils will learn about states of matter and sound. During our topic on sound, they will carry out a range of investigations exploring different sounds and how it is made. During our topic on states of matter, they will learn about solids, liquid and gases and the properties of these. They will also carry out a wide range of practicals to develop their understanding of the states of matter.	Discuss sound at home and encourage them to explore with making different sounds. Discuss solids, liquids and gases that are present in everyday life.
Year 8 science	Over this term, pupils will learn about animals and science in everyday life. During our topic on animals, pupils will explore different animals and classify them into groups. They will find out about the difference and similarities between animals and how they are adapted to their environments. During our topic on science in everyday life, pupils will observe where science is present around us and make links between everyday activities and science. They will carry out a range of tasks and investigations to support this topic.	Discuss animals and the 5 different animal groups. Encourage them to watch nature documentaries. Highlight where science is present in everyday activities such as cooking, nature and cleaning.
Year 9 science	Over the term, pupils will learn scientific skills and disruption to food chains. During our topic on scientific skills, pupils will carry out a range of investigations in order to collect and present data. They will make scientific predictions and conclusions based on their results. This will enable them to improve their practical skills. During our topic on disruption to food chains, pupils will discover and form a range of food chains. They will begin to use scientific vocabulary to describe the different animals in a food chain and learn how food chains become disrupted.	Encourage them to take on scientific projects at home. Discuss food chains and encourage them to watch nature documentaries.
BTEC	During this term, pupils will begin their new unit on making and testing cosmetic products. There will be a range of practicals and tasks which will contribute towards their assessment for this unit. Tasks will include identifying the key ingredients in cosmetics, making cosmetics following a method and carrying out a range of tests on certain cosmetics and writing a report on their results.	Discuss cosmetic products at home and encourage them to look at the packaging and labels.