

Felpham Community College – Key Stage 3 S of W

Subject: Science	Year:7	Leader: D Leonard
Autumn Term 1	Activities	Homework
Topics: Investigating science and science safety Biology: Cells Body systems	Asking scientific questions, planning investigations, observing different types of cells Describing the role of diffusion, gas exchange and breathing. Describing the movement of skeleton, joints and muscles.	A range of homework will be set to help students develop their own learning and understanding. Homework will also provide an opportunity to extend their knowledge and factual recall. Assessment Plans Students will sit a baseline test within the first few weeks of term.
Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,		

Autumn Term 2	Activities	Homework
Topics: Forces, tracking point 2 investigative skills assessment	Explain what forces do. Use Hooke's Law.	Homework tasks will be set by staff to help the students discover more about how substances are formed. Assessment Plans Students will sit an end of topic test.
Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,		

Spring Term 1	Activities	Homework
Topics: Chemistry: Particles and their behaviour, Elements and compounds	Describe the properties of a substance in its three states and explain changes of state. Describe differences between atoms, elements, and compounds.	Homework will be set by individual teachers to help extend and develop individual knowledge. Assessment Plans Students will report on an investigation.
Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,		

Spring Term 2	Activities	Homework
Topics: Biology: Reproduction Physics: Sounds and Light	Describe reproduction in humans and plants. Describe the different types of wave and their features. Describe how sound is produced and travels.	Homework will be set by individual teachers to help extend and develop individual knowledge. Assessment Plans Students will be assessed by a literacy task.
Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,		

Summer Term 1	Activities	Homework
Topic: Chemistry: chemical reactions Acids and alkalis	Describe what happens to atoms in chemical reactions. Compare the properties of acids and alkalis.	Individual homework tasks will be set. Assessment Plans Students will sit an end of topic test.

Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,

Summer Term 2	Activities	Homework
Topic: Physics: light (reflection investigation) space End of year assessment	Describe what happens when light interacts with materials. Describe the objects that you can see in the night sky. Describe the structure of the Universe. Explain the motion of the Sun, stars, and Moon across the sky.	Individual homework tasks will be set. Assessment Plans Students will be assessed using an end of year test where content from the whole year will be tested.

Literacy / Numeracy / ICT Skills will be developed through Investigative skills assessments,

Website / Resources KS3 BBC Bitesize,

Extension: We encourage pupils who have an interest in science to further their research and reading. Do speak with your teacher who can suggest appropriate books and websites to investigate.