

Year 7 Autumn Term 1

Year 7 students will complete an introduction to safety and apparatus in the science lab, followed by a heavily practical chemistry unit. It will be a wonderful start for students to learn and practice a variety of practical skills.

04/09/2023	11/09/2023	18/09/2023	25/09/2023	02/10/2023	09/10/2023	16/10/2023
week 1	week 2	week 3	week 4	week 5	week 6	week 7
Chemistry Unit 1						Biology Unit 1
<u>Passport to practical:</u> <ol style="list-style-type: none">1. How do we stay safe in the lab?2. What apparatus do we regularly use and how do we represent it?3. How many ways can we measure something?4. How do we set up and use a Bunsen Burner?5. How do we set up and use a clamp stand?	<u>States of Matter and Mixtures:</u> <ol style="list-style-type: none">1. How do we identify the states of matter?2. What types of mixtures can we make?3. What is a solution and how do we make one?4. How can we change solubility?5. How can we separate a solution?6. How can we separate a mixture of liquids that are different colours?7. How can we separate a mixture of liquids that have different boiling points?	<u>Acids and Alkalis:</u> <ol style="list-style-type: none">1. How do we know what chemicals are hazardous?2. What are indicators?3. How can we make an indicator?4. How can we describe the acidity or alkalinity of a liquid?5. What happens when we mix an acid and an alkali?6. How do we use neutralisation in our lives?	<u>Cells:</u> <ol style="list-style-type: none">1. How do we know if something is living or not?2. What are organs?3. What are human tissues?4. What are plant tissues? <p>(LI 5-8 continue after half term)</p>			