

## Science KS3 Curriculum 2019 – 20



**Science is life, life is science. Explore science. Discover science. Explain science.**

Year 7	Autumn half term 1	Autumn half term 2	Spring half term 1	Spring half term 2	Summer half term 1	Summer half term 2
<b>Topic studied:</b>	7A Cells, tissues & organs 8B Plants & reproduction	7E Mixtures and separation 7F Acids and alkalis	7I Energy 7K Forces	7C Muscles + bones 7D Health + disease	7G The particle model 7H Atoms, elements etc.	7L Sound 8J Light

Year 8	Autumn half term 1	Autumn half term 2	Spring half term 1	Spring half term 2	Summer half term 1	Summer half term 2
<b>Topic studied:</b>	8A- Food Nutrition 8C Breathing + respiration	8E Combustion 8F Periodic table	8K Energy transfers 8J Light	8G Metals and uses 8H NEW SoA, rocks, materials	8L Earth & Space 9I Forces and motion	8B- Plants & reproduction 8D- unicellular organisms

Year 9	Autumn half term 1	Autumn half term 2	Spring half term 1	Spring half term 2	Summer half term 1	Summer half term 2
<b>Topic studied:</b>	9A Genetics + evolution 9B Plant Growth 9F Reactivity 9H Chemical change	9I Forces and motion 9J Force fields and electromagnets	GCSE Separate Sciences Bio1 and Bio2, Che 1 and Che 3, Phy 1 and Phy2 Sets 1 – 3 HIGHER, sets 4-5 FOUNDATION			

**Key skills to be embedded throughout:-** To develop knowledge and understanding of scientific ideas and procedures, when to apply that knowledge to new situations and how to analyse, interpret and evaluate simple and complex data sets.