

Science Department

Absence Learning Overview



The Queen Elizabeth
Academy

Year 8			
Week Beginning	Topic	Seneca Links	Additional Resources
31/08/20	Acids and Alkalis	KS3 Science Chemistry - 2.2 Acids and Alkalis 2.2.2 - Acids and Alkalis 2.2.3 - The pH Scale	https://www.bbc.co.uk/bitesize/guides/zyn3b9g/revision/1 BBC Bitesize - Acids and Bases https://www.bbc.co.uk/bitesize/guides/z89jq6f/revision/1 BBC Bitesize - Acids and Bases
07/09/20	Ecosystems	KS3 Science Biology - 1.3 Ecological Relationships 1.3.1 - Food Chains & Webs 1.3.2 - Relationships in an Ecosystem 1.3.3 - Decay and Decomposers	https://www.bbc.co.uk/bitesize/guides/zq4wixs/revision/1 BBC Bitesize - Food chains and food webs https://www.bbc.co.uk/bitesize/topics/zhssgk7/resources/1 BBC Bitesize - Humans and the Environment
14/09/20	Current and Electricity	KS3 Science Physics - 3.4 Electricity 3.4.1 - Circuit Symbols 3.4.2 - Electric Current 3.4.3 - Series and Parallel Circuits 3.4.4 - Static Electricity 3.4.8 - Circuit symbols and Hyperlearning	https://www.bbc.co.uk/bitesize/topics/zgy39j6/articles/z8mxgdm BBC Bitesize - What is electricity? https://www.bbc.co.uk/bitesize/guides/zsfgr82/revision/1 BBC Bitesize - Electric current and potential difference
21/09/20			https://www.bbc.co.uk/bitesize/guides/zthvvcw/revision/1 BBC Bitesize - Static Electricity
28/09/20			
05/10/20	Forces and Motion	KS3 Science Physics - - Forces and Motion 3.2.5 - Speed 3.2.6 - Friction 3.2.7 - Distance - Time Graphs 3.2.9 - Works and Machines	https://www.bbc.co.uk/bitesize/topics/z4brd2p/articles/zkcpfcw BBC Bitesize - What are Forces? https://www.bbc.co.uk/bitesize/guides/zwwmxnb/revision/1 BBC Bitesize - Motion
12/10/20			https://www.bbc.co.uk/bitesize/guides/zttfyrd/revision/1 BBC Bitesize - Forces and Motion https://www.bbc.co.uk/bitesize/clips/zk9n34j BBC Bitesize - Speed-time graphs class clips
19/10/20	Breathing and Respiration	KS3 Science Biology - 1.6 - Biological Systems 1.6.3 - The Respiratory Systems 1.6.4 - Breathing KS3 Science Biology - 1.1.1.0 - Gas Exchange	https://www.bbc.co.uk/bitesize/guides/zq349j6/revision/1 BBC Bitesize - What is respiration? https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zth9ng8 BBC Bitesize - What is aerobic respiration? https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zm3xh39 BBC Bitesize - How to measure your lung capacity?

Half Term

02/11/20	Breathing and Respiration	KS3 Science Biology - 1.6.5 -Effects of exercise on Respiration 1.6.6 - Effects of smoking on the Respiratory System	https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zcsbmsg BBC Bitesize - What is anaerobic respiration? https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/ztdmrwx BBC Bitesize - What is lactic acid? https://www.bbc.co.uk/bitesize/topics/zvrrd2p/resources/1 BBC Bitesize - Respiration and gas exchange class clips
09/11/20			
16/11/20	Chemical Reaction	KS3 Science Chemistry 2.2.1 - Chemical Reactions	https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zwxhk2p BBC Bitesize - What are reactions? https://www.bbc.co.uk/bitesize/guides/zqd2mp3/revision/1 BBC Bitesize - Types of reactions
23/11/20			https://www.bbc.co.uk/bitesize/articles/zr6mkt BBC Bitesize - Exothermic and endothermic reactions https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zcwxcj6 BBC Bitesize - What is combustion?
30/11/20			
07/12/20	Revision	KS3 Biology - 1.3.9 End of Topic Test - Material Cycles and Energy KS3 Science Chemistry 2.2.5 End of Topic Test - Chemical Reactions KS3 Science Physics - 3.2.12 End of topic test - Forces and Motion	See previous topics from weeks
14/12/20	Year 8 Assessment week		

Guide to logging onto Seneca:

Your teacher should have set up a class and emailed you a link to it. Add your account using your school email address and the same password you use to log in at school. Any issues, email your teacher.

Guide to using Educake:

Teachers will set homework and tests using Educake. You will have been using this for two years now. If you forget your details, email your teacher to reset them. There is also a section where you can make your own tests on a topic.

