Science Year 9

Useful websites:

http://www.schoolscience.co.uk
http://www.bbc.co.uk/schools/websites/11_16/site/science.shtml
http://www.alphr.com/raspberry-pi/raspberry-pi/1000043/raspberry-pi-projects-best-projects
http://www.bbc.co.uk/bitesize/ks3/ict/history_impact_ict/impact_ict_society/revision/2/
http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/electrical_circuits/read/1/
https://study.com/academy/lesson/workplace-communication-importance-strategies-examples.html

Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Electronics in action. Outcomes: Learn component symbols. Use keys to describe a schematic of electrical wiring for lighting/signalling system.	Electronics in action. Outcomes: Know how circuits function using systems and sub systems.	Effective communication in the workplace. Outcomes: Know importance of effective communication in the workplace, know different types, use appropriate written and oral methods.	Using ICT in the workplace. Outcomes: Using ICT appropriately in the context of the workplace.	No teaching	Electronics in action. Outcomes: Build, test and programme a simple Raspberry Pi robot.
Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.

Science Year 10

Useful websites:

http://www.schoolscience.co.uk
http://www.bbc.co.uk/schools/websites/11_16/site/science.shtml
http://www.alphr.com/raspberry-pi/raspberry-pi/1000043/raspberry-pi-projects-best-projects
https://en.wikipedia.org/wiki/Cell_biology
https://www.youtube.com/watch?v=URUJD5NEXC8
http://www.sparknotes.com/biology/

Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Optional: Forensic detection. Outcomes: Know roles and responsibilities of employees and laboratories in forensic detection. Know about types of forensic evidence. Be able to detect, collect and record evidence. Be able to use scientific procedures to identify and analyse evidence.	Using mathematics tools in science and technology. Outcomes: Use maths tools, collect and record scientific data. Display and interpret data. Optional: Nature and application of energy, waves and radiation. Outcomes: Know the components of the solar system. Know the methods used to explore space.	The study of living systems. Outcomes: Know about cells and their functions. Know the role of genes. Optional: Nature and application of energy, waves and radiation. Outcomes: Know the components of the solar system. Know the methods used to explore space.	The study of living systems. Outcomes: Know about ecosystems. Field Studies Council hosted trip to Epping forest to discover ecosystems. Local trip afterwards to Scadbury Park for independent study. Optional: Nature and application of energy, waves and radiation. Outcomes: Know about energy stores and energy transfers. Know the applications of waves and radiation. Be able to take measurements in electric circuits.	No modules	Optional: Carrying out a science or technology project. Outcomes: Be able to identify and select a science or technology project. Be able to carry out research for a science or technology project.
Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.	Assessment via portfolio of evidence.