## 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/ks3/ict/history_impact_ict/impact_ict_society/revision/2/								
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	Electronics in action. Outcomes: Know how circuits function using systems and sub	Effective communication in the workplace. Outcomes: Know importance of effective	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			
schematic of electrical wiring for lighting/signalling system.	systems.	communication in the workplace, know different types, use appropriate written and oral methods.			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 and 11

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/

	Stes.com/biology/				
Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Know about the	Know about the	Be able to	Know about the	Know about the	Understand the
functioning of	functioning of	classify	relationship of	relationship of	effects of human
organisms.	organisms.	organisms.	organisms with	organisms with	activity on the
01841101101	e. Barnerier	0.84	their	their	environment and
Describe the	Describe how the	Students will use	environment	environment	how these
functions of the	structure	simple			effects can be
main	and function of	identification	Describe the	Students will	measured
organs and	an organ	keys to	interdenendence	learn how given	incasarca.
systems in	relates to the	classify	of	organisms are	Describe the
animals and	genes of the	organisms	organisms in	adapted to a	impact that
relate this to	organism	organisms.	terms of food	narticular	different
their structure	narticularly when	Students will be	webs	environment	human activities
then structure.	there is a genetic	able to identify	WED3.	environment.	have on
Describe how the	disorder in	the features of	Describe the	Students will be	ecosystems
structure and	humans	organisms	interdenendence	able to explain	ccosystems.
function of an	indinaris.	from the	of	why adaptations	Describe how
organ relates to		different	organisms in	of	living and non-
the		kingdoms and	terms of	organisms are	living
genes of the		classify	nyramids of	essential for	indicators can be
organism		organisms using	numbers and	survival in a	used to measure
organism.		these	hiomass	narticular	levels of
		features	510111035.	environment	nollutants
		leatures.		environment.	ponutants.
		To achieve a			Describe the
		merit grade			different
		students will			methods
		learn how to			used to help
		describe how			reduce the
		classification			impact of
		systems have			human activities
		been modified			on ecosystems.
		over time.			
					In order to
					achieve a Merit
					grade, students
					will be able to
					discuss the
					advantages and

					disadvantages of methods used to reduce the impact of human activity on ecosystems.
Assessment via					
portfolio of					
evidence.	evidence.	evidence.	evidence.	evidence.	evidence.