## ST CLARE'S OXFORD

## St Clare's Science in Oxford – Sample Timetable

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00 09:55	Welcome to Oxford Overview of St Clare's, your course, getting to know each other and the laboratory	<b>Clean hands, dirty hands</b> Set up an experiment to look at the effect of detergents	Full speed ahead Use trolleys and ramps to calculate speed	Rats and Snakes Nutrition for different animals	In code The building blocks of coding
	Fluency in English	Microbiology	Physics	Food Science	Computer Science
10:00 10:55		What is DNA? A historical introduction to DNA	<b>Flying high</b> Investigate flight by making your own parachute or helicopter	The food of life! Consider the science of various foods, including bread and yoghurt	
		Biology	Physics	Food Science and Chemistry	
	BreakBreak				
11:30 12:25	<b>Cell structure</b> Use a microscope to discover what is in plant and animal cells	<b>DNA modelling</b> Make a model of a DNA molecule	<b>Trial balloon</b> Experiment with moving a car using balloon power	The food of life! Consider the science of various foods, including bread and yoghurt	Clean hands, dirty hands 2 Use graphs to report the results of your experiment
	Microbiology	Biology	Physics	Food Science and Chemistry	Microbiology
	LunchLunch				
14:00 14:55	Explore Oxford! With your class teacher. Meet in your class Study Visit	It's in your DNA Conduct a DNA extraction Biology	The History of Science Visit this Oxford museum to see its collection relating to history of science, including Einstein's blackboard! Or	The food of life! Consider the science of various foods, including bread and yoghurt Food Science and Chemistry	Blenheim Palace Home of Winston Churchill Example Optional Excursion
15:00 15:55			Field Trip Pond dipping for ecologists Study Visit		