



ST. CLARE'S, OXFORD, UK

DLA UCZNIÓW KLAS O PROFILACH ŚCISŁYCH , B2 –C2

oraz dla zainteresowanych BIOLOGIA FIZYKA CHEMIA 14-17 LAT

SCIENCE in OXFORD 2 tygodnie od 26.06 | 24.07. 2022

Laboratory-based:

Up to 20 hours "hands on" in St. Clare's Pamela Morris Laboratories. Learn to use a range of laboratory techniques according to preferences. Possible techniques include: colorimetry, titration, data-logging, chromatography, microscopy, electrophoresis, and spectrometry.

Consolidation of theory:

One hour intensive tutorials to consolidate and develop students' understanding of a chosen topic. Theory covered here will inform the planning stage of the students' chosen mini investigations.

A wide choice of possible investigations:

Students choose from a range of "mini" investigation topics. Ten titles in Physics, Chemistry and Biology are offered. Students choose a different investigation each day (Monday – Thursday).

Analysis, presentation and discussion:

On Friday students review their findings and present to their peers in the form of a poster, web page, video or slide show. Discussion and evaluation enables students to reflect upon their experiences over the week and therefore inform their approach to future investigative work.

- ✓ LICZBA MIEJSC OGRANICZONA!!!
- ✓ znakomite, nowoczesnie wyposażone laboratoria
- ✓ 25 lekcji tygodniowo ✓ wykłady profesorów University of Oxford
- ✓ ponadto: sport, sztuka, konkursy, dyskoteki, kino, noc talentów
- ✓ wycieczki w piątek po południu oraz sobotę
- ✓ zakwaterowanie w domkach studenckich, wyżywienie



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

Uwaga: transfery z lotniska płatne dodatkowo.

2 tygodniowy PAKIET £2877

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