

NATURAL SCIENCES

St. Hugh's



Overview

DURATION: 2 Weeks

LESSONS: 2 x 90 minutes per day; 5 days a week

LEVEL REQUIRED: Intermediate or above

TIME TO SHINE: Research and presentation task

SUITABLE FOR FUTURE STUDY: Physics; Biology, Chemistry; Life Sciences

Natural Sciences is the perfect course for any students with a passion for understanding how the universe works. During the course students will focus on three core science subjects: chemistry, physics and biology. These subjects are studied with the objective of better understanding the laws of the physical world around us, giving students the flexibility to broaden their understanding of science in general.

Course Objectives

- To gain a better understanding of the natural world, through the perspective of the core sciences: Chemistry, Physics and Biology
- To debate and reflect on how Natural Sciences can be used to solve 21st century problems
- To nurture skills in analytical reasoning, investigation and critical evaluation
- To develop effective presentation skills to articulate thoughts and findings clearly
- To improve all-round confidence in using English communicatively

Course Schedule

Week 1	Week 2
1.1 Introductions 1.2 Science in Action	6.1 Biology (2): Evolution and Behaviour 6.2 Project: 21 st Century Problems & Solutions
2.1 Biology (1): Cells and Physiology 2.2 Project: The Intersectionality of Sciences	7.1 Physics (2): The Earth and Space 7.2 Project: 21 st Century Problems & Solutions
3.1 Physics (1): Elemental Structures 3.2 Project: The Intersectionality of Sciences	8.1 Chemistry (2): Pharmacology 8.2 Project: 21 st Century Problems & Solutions
4.1 Chemistry (1): Combining Elements 4.2 Project: The Intersectionality of Sciences	9.1 Earth Sciences 9.2 Project: 21 st Century Problems & Solutions
5.1 Time to Shine 5.2 Review	10.1 Time to Shine 10.2 Review

Please note the above is given as an example, and is subject to change.

