

Term 1- Chemistry and Maths

Lesson #	Subject	Topic
1	N/A	Introduction Lesson Sarah and Oba
2	Maths	Maths vocabulary and counting big numbers.
3	Maths	Statistics
4	Maths	Averages
5	Chemistry	Zooming in, GCSE pgs. 142-143. Introduction to molecules.
6	Chemistry	The big new idea, GCSE pgs. 144-146. Introduction to polymers. And Model Building.
7	Chemistry	Molecules big and small pgs.146-148.
8	Chemistry	Sulphur experiment
9	Chemistry/Maths	Review lesson and summer home work.

Term 2- Physics and Presentations

Lesson #	Subject	Topic
1	Physics	Kinematics experiment: ball launch. Hand in Summer script.
2	Presentations	Final script for presentation writing. Popcorn stories.
3	Astrophysics	Introduction to the Universe. Seeing Stars, Time and space.
4	Astrophysics	Beyond the solar system Pgs. 78-79 How to measure extreme distances.
5	Astrophysics	The exploding universe (82-83) TED video, presentation practice.
6	Chatum Visit/ Physics experiment	Mars Lander, egg drop experiment.
7	Review/ presentations	Script Practice and Test Review.
8	Presentations	Student Presentations
9	Presentations	Student presentations
10	Presentations	Semi-Final Presentations

Term 3- Biology and Research Poster Presentations

Lesson #	Subject	Topic
1	Climate Change (Extra Lesson)	Students learned generally about Climate change.
2	Biology (Guest lecturer)	Guest Lecturer from Conan university. (Dr. Rode) Topic: Aptamers and Ligands.
3	Poster	Begin Translating Japanese research poster to English
4	Poster	Continue work on making poster. Submit first draft.
5	Poster	Give back corrected drafts. Continue poster work and talk about poster presentation setup. Hand in Final version.
6	Poster	Poster presentations.
7	Review	Review for Test.