S1-3 INTEGRATED SCIENCE

Subject Information(課程資料)

<u>Aims(課程宗旨)</u>:

- develop curiosity and interest in science;
- develop the ability to make inquiries about science and solve problems;
- acquire scientific knowledge, science process skills and generic skills;
- develop the ability to integrate and apply knowledge and skills of science and related disciplines;
- develop an understanding of the nature of science;
- become familiar with the language of science to communicate science-related ideas;
- recognize the social, ethical, economic, environmental and technological implications of science, and develop an attitude for responsible citizenship and a commitment to promote personal and community health;
- become lifelong learners of science for personal development; and
- be prepared for further studies or future careers in scientific, technological and engineering field.

Level	Unit	Торіс		
	1	Introducing Science		
	2	Water		
S1	3	Looking at Living Things		
31	4	Cells, Human Reproduction and Heredity		
	5	Energy		
	6	Matter as Particles		
S2	7	Living Things and Air		
	8	Making Use of Electricity		
	9	Common Acids and Alkalis		
	10	Sensing the Environment		
	11	Force and Motion		
S3	12	A Healthy Body		
	13	From Atoms to Materials		
	14	Light, Colours and Beyond		

<u>Curriculum Framework(課程架構)</u>:



<mark>Assessments(評估方法)</mark>

3 Assessments per year

	Content	Weight	
Toct mark (A2)	Tests & Quizzes	30% of test mark	
Test mark (A2)	Uniform test	70% of test mark	
Exam. mark (A1 & A3)	Courseworks (Tests and quizzes, online reading, practical skill, model making, project, SE activity, worksheets, classwork and homework, etc)	30% of examination mark	
	Written Examination	70% of examination mark	

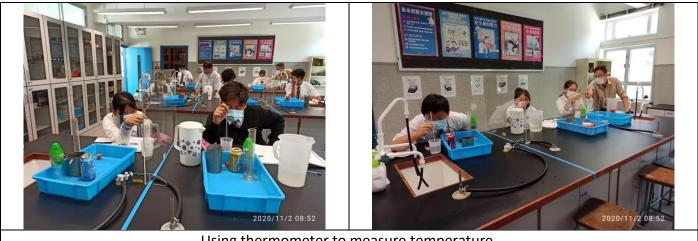
S1 & S2 :

	Assessment 1		Assessment 2		Assessment 3	
Percentage in Annual Total	30%		20%		50%	
	Coursework	Exam. paper	Coursework	UT paper	Coursework	Exam. paper
Total Marks	60	140	60	140	60	140
	200		200		200	

S3 : Module 1, 2 and 3

	Assessment 1		Assessment 2		Assessment 3	
Percentage in Annual Total	30%		20%		50%	
	Coursework	Exam. paper	Coursework	UT paper	Coursework	Exam. paper
Total Marks	30	70	30	70	30	70
(each module)	100		100		100	

<u>Learning Activities(學習活動)</u>



Using thermometer to measure temperature.



Using measuring cylinder to measure volume