

S1-3 INTEGRATED SCIENCE

Subject Information(課程資料)

Aims(課程宗旨):

- **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.**

Curriculum Framework(課程架構):

Level	Unit	Topic
S1	1	Introducing Science
	2	Water
	3	Looking at Living Things
	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



Assessments(評估方法)

3 Assessments per year

	Content	Weight
Test mark (A2)	Tests & Quizzes	30% of test mark
	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%	
Total Marks	Coursework	Exam. paper	Coursework	UT paper	Coursework	Exam. paper
	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%	
Total Marks (each module)	Coursework	Exam. paper	Coursework	UT paper	Coursework	Exam. paper
	30	70	30	70	30	70
	100		100		100	

Learning Activities(學習活動)



Using thermometer to measure temperature.



Using measuring cylinder to measure volume