YISHUN SECONDARY SCHOOL
Subject & Code: Upper Sec NT Science 5148 (Revised)
Level & Stream: Sec 3 Normal Technical

The Curriculum and Approaches to Learning	Key Programmes / Competitions
To cultivate the joy of learning Science by developing students' knowledge, skills and attitudes in scientific thinking through a well-designed curriculum that focuses on scientific inquiry and authentic learning. To prepare students for a life-long passion in learning Science and enable them to innovate and contribute to a technologically driven society.	Selected school competitions and enrichment programmes.

Term / Week	Learning Experiences (Chapter, Activity)	Learning Outcomes & Assessment
1 / 2-4 1 / 5-7 1 / 8-10	Chapter 1: Energy Chapter 2: Electricity Chapter 3: Wave Practical: • 1.1A Energy Around Us • 1.1B Seeing is Believing • 1.1C Swinging Bottle • 1.3A Generating Electricity • 2.1A Measuring Current Using a Multimeter • 2.1B Measuring Voltage Using a Multimeter • 2.1C Measuring Resistance Using a Multimeter • 2.3A Current in Series and Parallel Circuits • 2.3B Voltage in Series and Parallel Circuits • 3.1A Making Waves with a Slinky • 3.2A Making Water Waves I	WA1: T1W9 Chapter 1, 2 & 3
2 / 1-5 2 / 6-10	Chapter 4: Effects of Force Chapter 5: Sources of Food Practical: • 4.2A Measuring Length • 4.2B Making a Water Clock • 4.2C Finding the Speed of a Moving Marble • 5.1A Acidity and Alkalinity of Soil • 5.2A How do Fertilisers Help Plants Grow?	WA2: T2W7 Chapter 3, 4 & 5
3 / 1-5 3 / 6-10	Chapter 6: Food Chemistry Chapter 7: Food Safety Practical: • 6.1B Separating Sand from a Salt • 6.1C Separating Water from a Solution • 6.1D What Is in Coloured Candies? • 6.2B How can we slow down the process of Burning? • 6.3A Testing for Acids and Alkalis	WA3: TBC

	• 6.3B Reactions of Acids • 7.1A Which Milk Is Spoilt? • 7.1B There Is Something on My Bread! • 7.2A Protect My Bread! • 7.3A Vitamin content in Beverages	
4/1-3	Revision for EOY Exam	EOY: Chapter 1-7