

YISHUN SECONDARY SCHOOL

Subject & Code: Science (Biology) (K225)

Level & Stream: Sec 3 G2

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. All class structured group work develops communication competency. All data based and planning questions develop adaptive thinking competency.
Term / Week	Learning Experiences (Chapter, Practical, Activity)	Assessment & Events
1/2-4 1/5-7 1/8-10	Chapter 1: Cell Structure and Organisation Chapter 2: Movement of Substances Chapter 3: Biological Molecules	WA1 - Chapters 1 and 2
2/1-2 2/3-6 2/7-10	Chapter 3: Biological Molecules Chapter 4: Enzymes Chapter 5: Nutrition in Humans June Holidays HW: Medical case studies for Chapter 4 (Enzymes) & Chapter 5 (Nutrition in Humans)*	WA2 – Chapters 2, 3 and 4
3/1-4 3/5-9 3/10	Chapter 6: Transport in Humans Chapter 7: Respiration in Humans Revision for EOY	WA3 - Chapter 4, 5 and 6
4/1-2 4/3	Revision for EOY EOY exam starts	EOY Exam: Chapter 1 to 7