

YISHUN SECONDARY SCHOOL

Subject & Code: Biology K325

Level & Stream: Sec 3 Express

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)	Learning Outcomes & Assessment
1/ 2-3 1/ 4-6 1/ 7-8 1/ 9-10	Chapter 1: Cell Structure and Organisation Chapter 2: Movement of Substances Chapter 3: Biological Molecules Chapter 4: Enzymes	WA1: Ch 1-2
2/ 1-3 2/ 4-7 2/ 8-10	Chapter 5: Nutrition in Humans Chapter 6: Transport in Humans Chapter 7: Respiration in Humans <u>June Holiday HW</u> Chapter 8: Infectious Diseases in Humans (SLS Lesson Packages)	WA2: Ch 2-5
3/ 1-2 3/ 3-5 3/ 6-8 3/ 9-10	Chapter 7: Respiration in Humans Chapter 8: Excretion in Humans Chapter 9: Homeostasis and Hormonal Control Chapter 11: Infectious Diseases in Humans	WA3: Ch 6-8
4/ 1-2 4/ 3	Revision for EOY EOY Exams begin	EOY Exam: Ch 1 to 9, 11