

YAN OI TONG TIN KA PING SECONDARY SCHOOL
F.6 BIOLOGY [2008-2009]
TEACHING SCHEDULE

Total No. of Periods : Teaching : 182 (7 x 26)
 Practical : 78 (3 x 26)

Cycle	Date	Topic	No. of periods
1-7	02/09 - 03/11	Section 1: The cell 1.1 Chemical constituents 1.2 Cell structure 1.3 Transport of substances in and out of the cell 1.4 Enzymes	Total 44 12 12 10 10
7-13	27/10 - 04/02	Section 3: Genetics and evolution 3.1 Genetics <ul style="list-style-type: none"> • Nature and action of the gene • Structure of chromosome • Cell cycle • Inheritance of discrete characters • Discontinuous and continuous variations • Mutation • Application of genetics 3.2 Evolution	Total 46 6 1 3 14 4 2 10 6
13-19	07/01 – 27/03	Section 4: Variety of life and relations of organisms with their environment 4.1 Variety of life 4.2 Classification 4.3 Ecology <ul style="list-style-type: none"> • Ecosystem • Energy flow and nutrient cycling • Interdependence of organisms • Succession 	Total 38 6 4 10 4 2 2
19-22	20/03 – 08/05	Section 5 : Human Activities and the environment 5.1 Human impact on the environment <ul style="list-style-type: none"> • Human population • Resource exploitation • The effects of agriculture • The effects of urbanization and industrialization 5.2 Human responsibility for environmental conservation	Total 22 2 2 2 10 6

22-26	30/04 – 11/06	<p>Section 6: Health and diseases</p> <p>6.1 Some factors affecting health</p> <ul style="list-style-type: none"> ● Diet ● Exercise and rest ● Alcohol abuse <p>6.2 Transmission of pathogens and prevention of infection</p> <p>6.3 Defence against pathogens</p> <ul style="list-style-type: none"> ● Nonspecific defence mechanisms ● Specific defence mechanism ● Use of antibiotics ● <p>6.4 Some non-infectious diseases</p> <ul style="list-style-type: none"> ● Some cancers ● Cardiovascular diseases ● Diabetes mellitus ● Genetic diseases 	<p>Total 30</p> <p>2</p> <p>1</p> <p>1</p> <p>4</p> <p>4</p> <p>8</p> <p>2</p> <p>2</p> <p>2</p> <p>2</p>
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