

**YAN OI TONG TIN KA PING SECONDARY SCHOOL**  
**F.3 BIOLOGY**  
**TEACHING SCHEDULE**

Total No. of Periods : 50 (2 x 25)

| Cycle | Topic   | No. of periods |
|-------|---|----------------|
| 1     | Transport system in Humans :<br>Blood content               | 2              |
| 2     | Blood cells   | 2              |
| 3     | Experiment – observation of blood cells                     | 2              |
| 4     | Blood vessels   | 2              |
| 5     | Experiment - observation of arteries, veins and capillaries | 2              |
| 6     | Heart   | 2              |
| 7     | Lymphatic system in human                                   | 2              |
| 8     | Experiment – Dissection of Pig’s heart                      | 2              |
| 9     | Food and humans   | 2              |
| 10    | Experiment - Food tests                                     | 2              |
| 11    | Enzyme  | 2              |
| 12    | Experiment – catalase (biological catalyst)                 | 2              |
| 13    | Experiment – amylase (digestion)                            | 2              |
| 14    | Post Lab. discussion  | 2              |
| 15    | Digestion and absorption                                    | 2              |

| Cycle | Topic  | No. of periods |
|-------|--|----------------|
| 16    | Digestion and absorption   | 2              |
| 17    | Digestion and absorption   | 2              |
| 18    | Experiment – protease (digestion )                               | 2              |
| 19    | Experiment – dialysis tubing (absorption)                        | 2              |
| 20    | Post Lab. discussion   | 2              |
| 21    | Revision exercises   | 2              |
| 22    | Inheritance in humans :<br>Mendel and the pattern of inheritance | 2              |
| 23    | Mendel and the pattern of inheritance                            | 2              |
| 24    | Inheritance in human, ABO blood group                            | 2              |
| 25    | Genetic material and genetic variations                          | 2              |