



Form 3 - Science

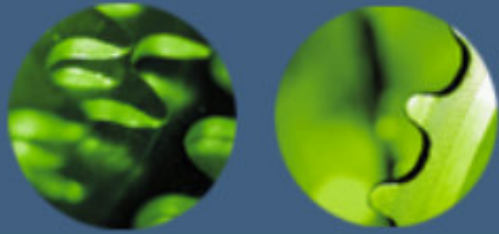
Course Content Schedule

**Please refer to “Study Weeks 2006”
for details of our academic calendar**



Week 1 - Week 2

1. The human breathing mechanism
2. Transport of oxygen in the human body
3. The importance of a healthy respiratory system



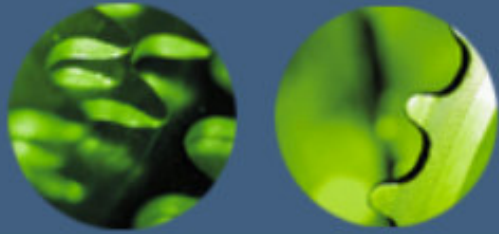
Week 3 – Week 4

1. Transport system in humans
2. Human blood
3. Transport system in plants



Week 5

- Assessment



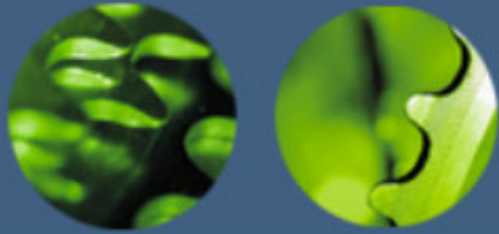
Week 6 – Week 7

1. Excretion in humans
2. The human urinary system
3. Excretion in plants



Week 8

- Assessment



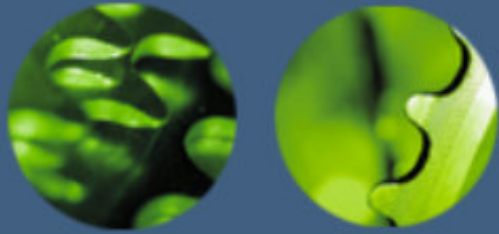
Week 9 – Week 11

1. Sexual & asexual reproduction
2. The female reproductive system
3. The male reproductive system
4. The menstrual cycle
5. Fertilization & pregnancy
6. Prenatal care
7. Research in human reproduction



Week 12

1. Pattern of human growth



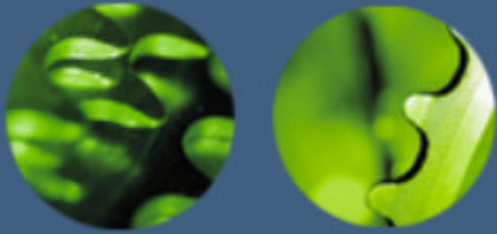
Week 13 – Week 15

1. Sexual reproductive system of flowering plants
2. Pollination
3. Development of fruits and seeds in plants
4. Germination of seeds
5. Vegetative reproduction in flowering plants



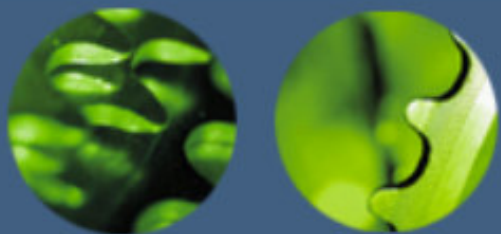
Week 16

- Assessment



Week 17 – Week 18

- Revision



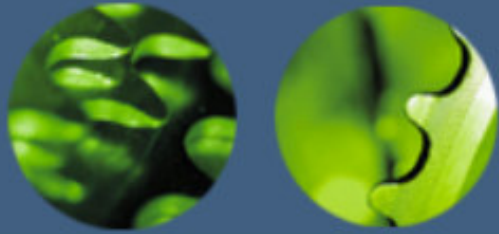
Week 19 – Week 20

1. Minerals found in the earth's crust
2. Reactions between metals & non-metals
3. Silicon compounds
4. Calcium compounds
5. Natural fuel resources



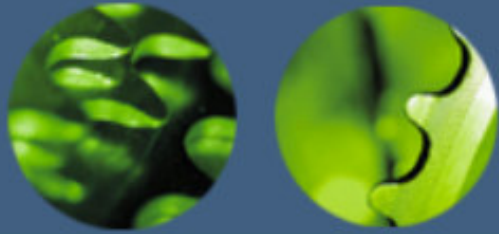
Week 21

- Assessment



Week 22 – Week 24

1. Electrostatics
2. Electricity
3. Electric current, voltage & resistance
4. Relationship between current, voltage & resistance
5. Parallel & series circuits
6. Magnetism



Week 25 – Week 26

1. Generation of electrical energy
2. Transformers
3. Electrical energy transmission & distribution system
4. Electrical energy supply & wiring system in homes
5. Cost of using electrical energy
6. Functions of fuse & earth wire
7. The importance of safety precautions
8. Conserving electrical energy



Week 27

- Assessment



Week 28

1. The sun
2. Stars & galaxies in the universe



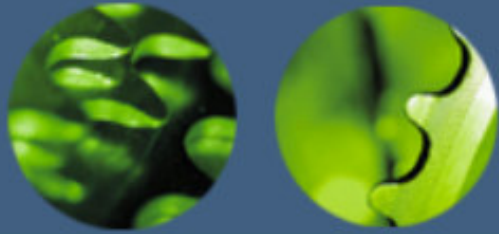
Week 29

1. Universe, a gift from God
2. Astronomy & space exploration



Week 30

- Assessment



Week 31 – Week 37

- Revision



Kindly Contact:

Ms Peh

019 – 3260 879

AJ Education Concept

03 – 6275 2718

03 – 6277 8718