

### **3Q Biology Syllabus 2018/2019**

**34 lessons (7 lessons missed)**

**Course book: Essential Biology for Cambridge IGCSE, Williams, OUP.**

#### **Syllabus covered:**

Life Processes (unit 1.1), Human Nutrition (unit 7.1-7.4), Biological Molecules (unit 4), Preparation for Paper 6, Ecosystems and Conservation (unit 21), Enzymes (unit 5), Energy Flow in Ecosystems (unit 19.1 -19.4, 19.6-19.7), Cells and scientific Drawing (Unit 2), Diffusion, Osmosis, Active Transport (unit 3), Biotechnology (unit 20.1-20.3).

#### **Past Papers Completed:**

- PPQ Balanced Diet (unit 7.1-7.4)
- PPQ Ecosystems (unit 21)
- PPQ Enzymes (unit 5)
- PPQ Scientific Drawing (unit 2)
- PPQ Osmosis (unit 3)
- PPQ Trophic Levels (unit 19)

#### **Summer Homework**

##### **Read and make notes on:**

- Classification (unit 1) and do multiple choice questions on p.16
- Genetics (unit 17) with questions p. 230
- Variation and Selection (unit 18) with questions on p. 242
- Plant Reproduction (unit 16.1-16.4).
- **Bring your notes to be checked at the first Biology lesson next academic year.**