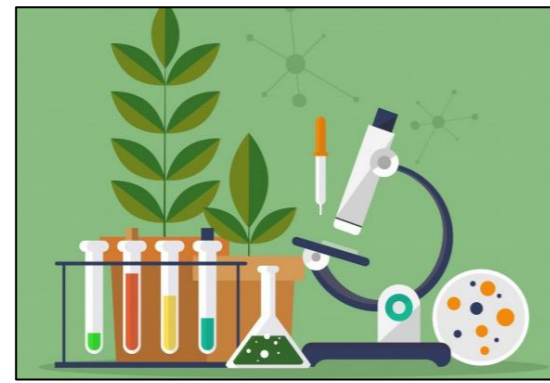
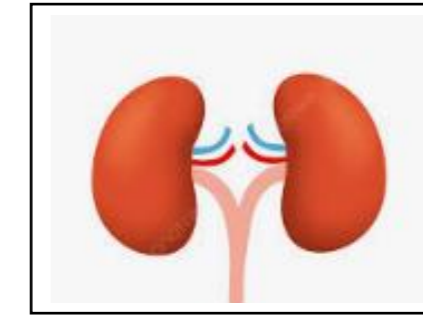
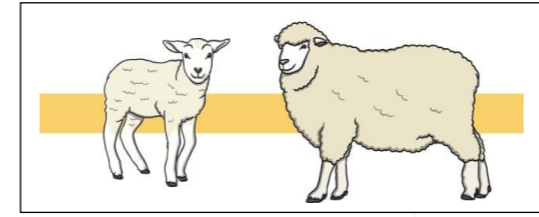
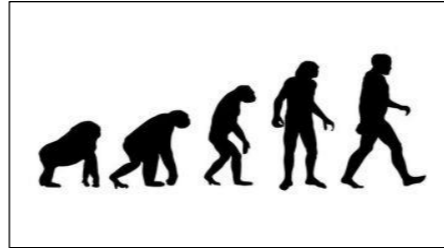




Gordon's School Biology Department



GCSE - Curriculum Map



Key Skills:

- Development of scientific thinking
- Planning investigations
- Developing experimental skills and strategies
- Recording data – tables and graphs
- Data analysis
- Data evaluation

Key Terms:

- Accuracy
- Control variable
- Dependent variable
- Error
- Independent variable
- Precision
- Prediction
- Repeatable
- Reproducible
- Variable

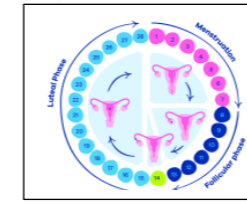
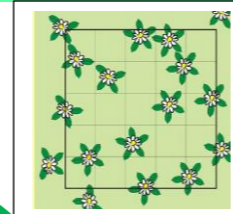
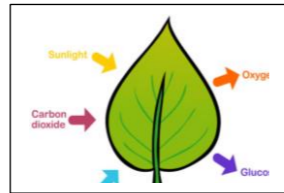
Revision & Exams

Genetics & Evolution
Fossils as evidence for evolution, and how species become extinct.

Variation & Evolution
How variation can lead to change.

Reproduction
Meiosis, inheritance, and genetics.

Homeostasis in Action (Set 1 only)
Control of body temperature and the kidney.



Hormonal Control
How hormones control blood glucose levels, the menstrual cycle and fertility.

Year 11

Human Nervous System & Homeostasis
How the body reacts to change.

Non-communicable diseases
Cancer & Risk Factors.

Photosynthesis
How plants use the sun's energy to make food.

Respiration
How organisms transfer energy from glucose.

Ecology
How organisms live in ecosystems and how Man is threatening this.

Preventing & treating disease
The use of vaccinations, drugs, and antibiotics.

Communicable diseases
Such as Measles, *Salmonella* and Malaria.

Organising Animals
How the heart & circulatory system move substances around the body.

The Digestive System
How the food we eat provides us with the nutrients and energy we need.

Year 10

Gas Exchange & Transport in Plants
How gas exchange takes place and substances are moved around plants.

GCSE Cell Structure & Transport
The study of the basic units of life and how substances move in and out of them.

GCSE Cell Division & Stem Cells
Cell division through mitosis and how undifferentiated stem cells can be used.

Exam Specification:



Set 1

Should this QR code not work, please click [here](#) for the relevant specification.

Exam Specification:



Sets 2-6

Should this QR code not work, please click [here](#) for the relevant specification.

Command Words:

- Calculate
- Compare
- Complete
- Describe
- Determine
- Evaluate
- Explain
- Justify
- Predict
- State
- Suggest
- Use