

Gunnersbury Catholic School Science: Biology



Biodiversity

- **Pollution**
- **Global Warming**
- **Maintaining Biodiversity**



Assessment

Organising an Ecosystem

- Feeding Relationshipts
- Materials Cycling
- Carbon Cycle

Adaptations

- Communities
- Competition
- **Adapt and Survive**

Genetics and Evolution

- **Fossils and Extinction**
- · Antibiotic Resistant bacteria
 - Classification

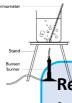






Variation and Evolution

- Variation
- Evolution by natural Selection
- Selective Breeding
- Genetic Engineering



Reproduction

- · Types of Reproduction
- **DNA** and the Genome
- Inheritance
- **Screening for genetic Disorders**

YEAR





Biological Response

- Hormonal Coordination
- **Diabetes**
- Menstrual Cycle

Human Nervous System

- Principles of Homeostasis
- The Human Nervous system
- **Relfex Actions**





Bioenergetics

- Photosynthesis
- Aerobic Respiration
- **Anaerobic Respiration**





Cell Division

- The Cell Cycle
- **Growth and** Differentiation
- **Stem Cells**
- **Stem Cell Dilemmas**





Organising Animals and Plants

- The Blood and Blood Vessels
- The Heart
- **Breathing and Gas Exchange**
- Tissues and organs in plants
- Transport systems in plants
- Transpiration



- Communicable Diseases
- **Preventing Diseases**
- **Treating Diseases**
- **Non Communicable Diuseases**





