Science Faculty: Biology Learning Journey

YEAR 13

- Go to university to enhance your studies and get a degree
- Start a degree level apprenticeship
- Gene Expression & Gene technologies
- Genetics
- Nervous system coordination & Muscles
- Photosynthesis & Respiration
- Take a gap year, travel the w orld and embrace new cultures
- Consider summer internship and voluntary w ork to enhance your learning
- Populations in Ecosystems
- Homeostasis
- Begin Essay skills

YEAR 12

- Begin A2 Ecology w ork – field w ork and statistics
- Transport across cel membranes
- Gas exchange – diversity betw een living things
- Immune System
- Cell structure
- Biochemistry of proteins, lipids and carbohydrates
- Mass Transport in animals and plants
- DNA/RNA and protein Synthesis
- Diversity, classification and Selection

YEAR 11

- Ecosystems, biodiversity and human impact
- Mock preparation and feedback
- GCSE revision and examination preparation
- Adaptations, interdependence and competition
- Variation, evolution and classification

YEAR 10

- Infection and response
- Hormones and blood glucose control
- Photosynthesis and plant structures
- Homeostasis and the nervous system
- Reproduction, DNA and inheritance

YEAR 9

- Respiration, exercise and metabolism
- Blood, circulation and health
- Biological skills and biomimicry
- Digestion and enzymes
- Cell biology and transport

YEAR 8

- Breathing and gas exchange
- Photosynthesis and plant growth
- Variation, DNA and inheritance
- Respiration and fermentation
- Healthy lifestyles and infectious disease
- Natural selection, evolution and biodiversity

YEAR 7

- Skeleton, muscles and movement
- Human reproduction and development
- Scientific skills and microscopy
- Ecosystems and plant reproduction
- Digestion, nutrition and food tests
- Cells and specialised cells

The Fisher Way aims to educate and inspire with joy, faith and love because we are an inclusive Catholic community.

Successful and Resilient Learners, Confident Individuals and Responsible Citizens