



Learning Journey: Year 10 Combined Biology

Final Projected Grade last year:

I am happy/unhappy with my final projected grade from last year because ...

To continue to improve my projected grade I need to focus on the habit of _____ by ...

Term 1:

Topic 2: Organisation

- Tissues and Organs
- Diffusion
- Breathing system
- Gas exchange
- Active transport
- Exchanging materials
- Digestive system
- Chemistry of food
- Food tests

- Catalysts and enzymes
- Enzyme action
- Digestive system

Topic 3: Cardiovascular system

- Blood and vessels
- Heart
- Helping the heart
- Aerobic respiration
- Response to exercise
- Anaerobic respiration
- Metabolism

Term 1: How far I demonstrated the Habits?

- Hardworking: ____/5
- Inquisitive: ____/5
- Resilient: ____/5
- Respectful: ____/5
- Responsible: ____/5
- Aspirational: ____/5

Next term I will focus on _____ by ...

TA1 Projected Grade:

Term 2:

Topic 4: Non-communicable diseases

- Cancer
- Smoking and disease
- Diet and exercise
- Alcohol and carcinogens

- Antibiotic resistance
- Viral diseases
- Fungi and protists
- Preventing infections
- Human defences
- Vaccinations
- Discovering drugs
- Developing drugs

Topic 5: Health and Disease

- Pathogens and disease
- Bacterial diseases
- Antibiotics and painkillers

Topic 6: Plants

- Specialised cells
- Osmosis in plants
- Plant tissues and organs

Term 2: How far I demonstrated the Habits?

- Hardworking: ____/5
- Inquisitive: ____/5
- Resilient: ____/5
- Respectful: ____/5
- Responsible: ____/5
- Aspirational: ____/5

Next term I will focus on _____ by ...

TA2 Projected Grade:

Term 3:

Topic 6: Plants

- Transport system in plants
- Transpiration
- Factors affecting transpiration
- Photosynthesis
- Rate of photosynthesis
- How plants use glucose
- Making the most of photosynthesis.

Topic 7: Humans and the environment

- Carbon cycle
- Human population
- Land and water pollution
- Air pollution
- Deforestation and peat destruction
- Global warming
- Impact of change
- Maintaining biodiversity

Term 3: How far I demonstrated the Habits?

- Hardworking: ____/5
- Inquisitive: ____/5
- Resilient: ____/5
- Respectful: ____/5
- Responsible: ____/5
- Aspirational: ____/5

Next year I will focus on _____ by ...

Final Projected Grade:

Careers:

The career that interests me is ...

Subject will help me achieve this because ...

METG



LEARNING HABITS

**Hard working
Inquisitive
Resilient**



CHARACTER HABITS

**Respectful
Responsible
Aspirational**