

## **National 5 Biology – Success Criteria**

### **Formal Assessments:**

- ✓ Percentage achieved in Formal Assessments – weighting applied.
- ✓ Consistency shown in Formal Assessments.
- ✓ Areas of strength and areas for development as a result of Formal Assessments.
  - Knowledge and understanding
    - **Cell Biology**
      - Cell structure
      - Transport across membrane
      - DNA and the production of proteins
      - Proteins
      - Genetic engineering
      - Respiration.
    - **Multicellular Biology**
      - Producing new cells
      - Control and communication
      - Reproduction
      - Variation and inheritance
      - Transport systems – plants and animals
      - Absorption of materials.
    - **Life on Earth**
      - Ecosystems
      - Distribution of organisms
      - Photosynthesis
      - Energy in ecosystems
      - Food production
      - Evolution of species,
  - Analytical and problem-solving skills in a Biological context
    - Using calculations (percentage, mean, percentage change)
    - presenting/interpreting information in a variety of forms (graphs and tables)

### **Assignment – 20% of overall SQA grade:**

- ✓ That I can clearly follow the success criteria for the assignment.
- ✓ Aim
- ✓ Underlying Biology of chosen topic
- ✓ Data collection and handling – method, raw data, processed data
- ✓ Graphical presentation
- ✓ Analysis
- ✓ Conclusion
- ✓ Evaluation
- ✓ Structure

### **Class/Homework:**

- ✓ That I have full and clear notes on all topics covered in the course.
- ✓ I will engage in learning and complete the activities asked of me to the best of my ability.
- ✓ That I meet deadlines for submission and complete outstanding classwork at home.
- ✓ That I respond positively to any advice on homework and try to improve this area.

## **What will be taken into consideration when deciding on a teacher-estimated grade for National 5 Biology?**

- Performance in the Formal Assessment(s) e.g. End of Unit assessments/FAB.
  - Weighting – 40% Unit 1, 70% FAB 1, 100% FAB 2
- The completion of the assignment (20% of overall SQA grade).
- Commitment and Quality in class
- Commitment and Quality of homework.