

SKILLS TASK NOTIFICATION

Due Date: Term 3, Tuesday 22nd August

Date Distributed: 26/07/24

Task Weighting: 30 %

Outcomes - Students:

BIO11/12-2 designs and evaluates investigations in order to obtain primary and secondary data and information

BIO11/12-3 conducts investigations to collect valid and reliable primary and secondary data and information

BIO11/12-4 selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media

BIO11/12-5 analyses and evaluates primary and secondary data and information

BIO11/12-6 solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

BIO11-8 describes single cells as the basis for all life by analysing and explaining cells' ultrastructure and biochemical processes

ASSESSMENT OUTLINE

1. WHAT AREAS OF LEARNING DOES THIS ASSESSMENT ADDRESS?

Student's knowledge, skills and understanding in the following modules will be assessed within this skills assessment task:

- Module 1: Cells as the basis of life
- Module 2: Organisation of Living Things

2. WHY IS THE COMPLETION OF THIS ASSESSMENT IMPORTANT?

This task will draw together the above outcomes providing students with the opportunity to demonstrate their knowledge, understanding and most importantly, the skills they have developed throughout their study of the Biology course. This will allow them to gain feedback on areas of strength and areas on which to improve. Students will utilise their problem-solving skills & practical skills to solve real world biological based problems.

3. WHAT STEPS DO I TAKE TO COMPLETE THIS TASK?

Task Outline

This task includes both a practical and written component to test the skills component of the Biology course. Students will need to formulate logical and coherent responses in order to achieve full marks. Student name needs to be written on the front of the examination paper.

All working out must be shown to be awarded full marks. Any student who is absent on the day of the examination must follow the illness/misadventure procedures in the school's assessment policy.

Details for Submission

This skills task assessment is 50 minutes in duration & includes 5 minutes reading time.

Students will need pens, pencils, a ruler and a board approved calculator.

All answers are to be completed on the exam paper.

4. HOW WILL MARKS BE AWARDED TO MEASURE MY LEARNING?

Marks will be indicated on the paper for each question with the total marks for each section shown below.

This skills assessment task consists two parts as follows:

Part A – Practical Component

Allow about 22 minutes for this part.

Part B – Data Analysis and Skills Questions

Allow about 22 minutes for this part.

Worked solutions including feedback will be provided with the marked paper.