

PICTON HIGH SCHOOL

Creating Opportunities Achieving Success



YEAR 12 - Biology Assessment Task

Due Date: Thursday 5th December 2019	Assessment Name: Practical Test
Mark: /43	Weighting: 15%

SYLLABUS OUTCOMES TO BE ASSESSED:

BIO11/12-3: designs and evaluates investigations in order to obtain 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

BIO11/12-7: communicates scientific understanding using suitable language and terminology for a specific audience or purpose

DIRECTIVES TO BE ASSESSED:

Evaluates: Make a judgement based on criteria; determine the value of

Processes: a series of actions or steps taken in order to achieve a particular end

Communicates: share or exchange information, or ideas in various formats.

Explores: inquire into or discuss (a subject) in detail

TASK DESCRIPTION:

Context:

- **Define** the function of the **nitrogenous bases**
- **Explain** why **transcription and translation** occur
- **Discuss** the **polypeptide synthesis**
- **Provide** detailed information on the **amino acids in the polypeptide created**

ASSESSMENT CRITERIA – STUDENT CHECKLIST: You will be assessed on your ability to:

- **Communicate** the **role of mRNA in the synthesis of a polypeptide**
- **Demonstrate** understanding of the **transcription and translation**
- **Explore** the process of determining **the names of specific amino acids**
- **Reference** all materials.

Check your assessment booklet for the PHS Assessment Policy