

Candidate Name			
Centre Name			
Centre Number		Candidate Number	

Research Task

Learning Outcome	<i>BIOSL 2.3 Investigate energy transformations in living organisms</i>
Topic	<i>Investigating the Effect of light intensity on the rate of photosynthesis</i>

Carry out an investigation in any topic of your choice. The topic should address the Learning Outcome that has been provided to you.

Your research should include the listed headings:

- | | | |
|----------|--|-------------|
| 1 | Title, Aim & Objectives | [2] |
| 2 | Theoretical Background | [5] |
| | <ul style="list-style-type: none"> • Relevant theory / principles / laws covered • Research questions • Hypothesis | |
| 3 | Methodology | [12] |
| | <ul style="list-style-type: none"> • Variables (Independent / Dependent / Control) • Instruments and materials • Procedure • Precautions | |
| 4 | Data Presentation and Analysis | [12] |
| | <ul style="list-style-type: none"> • Results • Graph • Interpretation of graph and/or results | |
| 5 | Discussion | [5] |
| 6 | Conclusion | [2] |
| 7 | References | [2] |

The report should be typed using any of Calibri, Arial or Times New Roman font size 12 and spacing of at least 1.5. The report should have between 500 and 2000 words including Tables, Diagrams, Figures, Graphs, etc.

The graphs should be drawn on a separate graph paper and attached to the final report either scanned and included with the soft copy or stappled.