

# Marking Key

Title	Marks
<ul style="list-style-type: none"> <li>• Full sentence</li> <li>• Accurately describes what the investigation is about</li> </ul>	/ 1
Aim	Marks
<ul style="list-style-type: none"> <li>• Clear and concise</li> <li>• Explains The purpose of the investigation</li> </ul>	/ 1
Variables	Marks
<u>Independent Variable:</u> <ul style="list-style-type: none"> <li>• Stated correctly</li> </ul>	/ 1
<u>Dependent Variable:</u> <ul style="list-style-type: none"> <li>• Stated correctly</li> </ul>	/ 1
<u>Control Variables:</u> <ul style="list-style-type: none"> <li>• 3 x valid controls</li> </ul>	/ 3
Hypothesis	Marks
<ul style="list-style-type: none"> <li>• Uses correct format</li> <li>• Clear link between independent and dependent variable</li> </ul>	/ 2
Materials	Marks
<ul style="list-style-type: none"> <li>• Comprehensive list of all materials used in the investigation</li> <li>• Written in bullet point format</li> </ul>	/ 2
Method	Marks
<ul style="list-style-type: none"> <li>• Written in numbered steps</li> <li>• Third person, past tense</li> <li>• Steps are concise, easy to follow and accurate</li> <li>• The method clearly changes the independent variable</li> <li>• The method clearly measures the dependent variable</li> <li>• The method controls all other variables</li> </ul>	/ 3
Results	Marks
<ul style="list-style-type: none"> <li>• The table has the independent variable in the first column and the dependent variable in the other columns</li> <li>• Headings included with units</li> <li>• The table includes averages</li> </ul>	/ 3

<b>Graph</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• Title that includes the independent and dependent variables</li> <li>• Independent variable is on the X-axis &amp; Dependent variable is on the Y-axis</li> <li>• Label and units on axis</li> <li>• Scale increases in even increments</li> <li>• Correct graph type (continuous data = line graph; discrete data = column graph)</li> <li>• Data plotted correctly</li> </ul>	/ 6
<b>Discussion</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• The trend between the variables has been described</li> <li>• A scientific reason for the results is explained</li> </ul>	/ 3
<b>Evaluation</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• Identify what worked well in the investigation</li> <li>• Identify what could be improved in the investigation .</li> </ul>	/ 2
<b>Conclusion</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• The conclusion summarises the most important outcome of the investigation</li> <li>• The conclusions states whether the outcome supports the hypothesis or not</li> </ul>	/ 2
<b>Report Format</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• The report is written in an appropriate manner with formal language</li> <li>• The report contains few spelling or grammatical errors</li> </ul>	/ 2
<b>Total</b>	<b>Marks</b>
	/ 32