AO3 Revision:
Analysis & Evaluation
Command Words, Example Questions & Tips
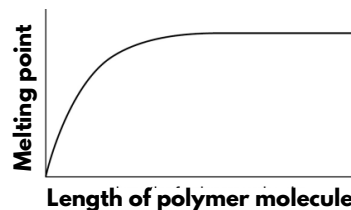
Command Word	Description
Analyse	Separate information into components and identify their characteristics
Assess	Provide reasoned argument of factors to reach a judgement regarding their importance to the question context.
Describe	Accurately outline facts, events, processes or results (usually about a graph or figure)
Determine	Use given data or information to obtain an answer
Evaluate	Provide a judgement from available evidence
Explain	Set out purposes or reasons (usually about a graph or figure)
Predict	Give a plausible outcome
Suggest	Present a possible case/solution/explanation to a new situation

Sentence Starters:
The data shows that...
From the graph/table we can see...
This suggests that...

A limitation of this method is...
Overall, the evidence supports...

Q: Figure 1 shows the melting point of a polymer as the length of the polymer molecule increases. Describe the trend shown (3 marks)

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Q: In the last 30 years, the mass of oxides of nitrogen produced from car engines increased and then decreased. Suggest why. (2 marks)

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Q: Using a periodic table, predict the reactivity of beryllium compared with magnesium. Give a reason for your answer. (2 marks)

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Q: Lubricants allow objects to slide over each other easily. Suggest why graphite can be used as a lubricant. (1 mark)

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Quick Tips

- Quote data from figures support statements.

- For Required Practicals:
  - Discuss reliability and limitations.
  - Consider the method used and how it could be improved.
  - Look for anomalies or outliers in results.
  - Compare expected vs actual results.
  - Annotate graphs and data tables.
- Stay focused on what the question asks you to evaluate.
- Underline <u>independent</u> and <u>dependent</u> variables.