

2021 March Moderation - Report



Which meeting is this report for?

Physical Sciences Foundation Level 2

Moderation Details for Calibration - Sample 1

Sample 1 - Please identify each criterion being moderated and IF SELECTED the elements within that criterion

Criterion 5 = Overall

Sample 1 - What rating (or ratings) has the group assigned this sample?

B

Sample 1 - What evidence supports the rating (or ratings) the group has given?

- some errors in formulas and equation writing
- good knowledge of regarding solubility/insolubility
- working at B standard generally and especially in element B

Sample 1 - What evidence would you need to see in order to assign a higher rating (or ratings)?

- better use of scientific language when describing generalisations
- links to solubility rules and expected precipitates

Sample 1 - What actions would you recommend for teachers to help the student attain a higher rating (or ratings)?

- have students write word equations before balanced chemical equations in the task, as a scaffold.
- practice writing formulas: brackets with polyatomic ions, careful use of capital letters
- use of formula sheet to help with ion formulas
- modelling of use of scientific language when drawing generalisations/conclusions

Moderation Details for Calibration - Sample 2

Sample 2 - Please identify each criterion being moderated and IF SELECTED the elements within that criterion

Criterion 5 = Overall

Sample 2 - What rating (or ratings) has the group assigned this sample?

B

Sample 2 - What evidence supports the rating (or ratings) the group has given?

- good equations with few errors in formulas/balancing
- some confusion about ions vs elements
- good use of word equations to support writing balanced chemical equations
- poor conclusion reflecting low level of relating task to theory

Sample 2 - What evidence would you need to see in order to assign a higher rating (or ratings)?

- link results back to solubility tables and identify any anomalies
- a more sophisticated conclusions that relates to the aim of the prac and to the results obtained

Sample 2 - What actions would you recommend for teachers to help the student attain a higher rating (or ratings)?

- practice problems for equation writing and balancing
- conclusion writing

Planning for September Moderation 2021 - State-wide Samples

For all courses please nominate the criteria and elements (if desired) for moderation.

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State the name of the person who will be providing the samples for moderation

Stewart Reid

Sharing Resources

Please record any links to or details of resources that were shared, or describe any assessment strategies that were discussed.

Discussions were had about:

- using Teams to share resources
- modifying the moderation task to improve it for future use (respectfully and constructively)
- strategies for ensuring students have a different experience of any common themes/content/skills in PS2 vs PS3

Course Support

Please provide details of any future focus and ways forward you would like Years 9 to 12 Learning to consider in relation to this course:

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