

2019 March Moderation - Report



Meeting Details

Meeting took place in:	North
AM or PM session?	PM
Which PM Meeting is this report for?	Science - Physics Level 4
Moderation Leader Name	Patrick Moroney
Moderation Leader Email	pmoroney@stpatricks.tas.edu.au
Minute Keeper	Tino Delbourgo
Minute Keeper Email	tino.delbourgo@education.tas.gov.au

Attendance

Please enter the name and school for all attendees. This can be copied and pasted from the registration list sent to the Moderation Leader.

Ed Bastick, Launceston College
Michael Bousfield, Hellyer College
Adrian Cooper, St Patrick's College
Tino Delbourgo, Don College
Jason Dicker, Launceston College
John Hamilton, Marist Regional College
Luke Hochman, Circular Head Christian School
Patrick Moroney, St Patrick's College
Anna Waites, Scotch Oakburn College
Kim Walters, St Brendan-Shaw College
Matthew Kent, Launceston Church Grammar School

Apologies/absences - please enter the names of teachers and their schools who appeared on the moderation leaders list who did not attend the meeting.

None

Moderation Details for Calibration - Sample 1

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

Criterion 6 = Overall, Element 1, Element 2, Element 3, Element 4, Element 5, Element 6, Element 7, Element 8, Element 9, Element 10

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

C

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

The fact that they were able to obtain sufficient marks to show a satisfactory understanding.

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

A greater understanding, such as missing directions for vectors and missing forces on diagrams.

Sample 1 - Summary of group consensus with comments to element level if applicable.

Again, our consensus was unchanged at a C, but individual marks may have increased slightly.

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

More work on vectors, in particular including directions and angles where appropriate.

Moderation Details for Calibration - Sample 2

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

Criterion 6 = Overall, Element 1, Element 2, Element 3, Element 4, Element 5, Element 6, Element 7, Element 8, Element 9, Element 10

Sample 2 - What rating (or ratings)

C

has the group assigned this sample?

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

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

Sample 2 - Summary of group consensus with comments to element level if applicable.

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

The student was more proficient with electrostatics rather than magnetism.

More work on electromagnetism, in particular directions of magnetic fields.

After discussion, the group consensus didn't change from a C.

More teaching of electromagnetism.

Moderation Details for Calibration - Sample 3

Sample 3 - Please identify each criterion being moderated and IF SELECTED the elements within that criterion

Sample 3 - What rating (or ratings) has the group assigned this sample?

Sample 3 - What evidence supports the rating (or ratings) the group has given?

Criterion 6 = Overall, Element 1, Element 2, Element 3, Element 4, Element 5, Element 6, Element 7, Element 8, Element 9, Element 10

C

The student was able to attempt the basic questions in electrostatics with a slightly higher understanding of electromagnetic induction.

Sample 3 - What evidence would you need to see in order to assign a higher rating (or ratings)?

The student needs to do more work on electron guns - a fairly standard projectile motion question. The student may have been able to obtain part marks with more justification.

Sample 3 - Summary of group consensus with comments to element level if applicable.

The group continued with its consensus of a C.

Sample 3 - What actions would you recommend for teachers to help the student attain a higher rating (or ratings)?

The student could focus more on vectors and making sure directions were included in their answers.

Moderation Details for Calibration - Sample 4

Sample 4 - Please identify each criterion being moderated and IF SELECTED the elements within that criterion

Criterion 6 = Overall, Element 1, Element 2, Element 3, Element 4, Element 5, Element 6, Element 7, Element 8, Element 9, Element 10

Sample 4 - What rating (or ratings) has the group assigned this sample?

C

Sample 4 - What evidence supports the rating (or ratings) the group has given?

The student was strong on the basics of electrostatics.

Sample 4 - What evidence would you need to see in order to assign a higher rating (or ratings)?

The student would have been able to achieve higher with more work on induction and the direction of magnetic fields.

Sample 4 - Summary of group consensus with comments to

The group maintained its consensus of a C.

element level if applicable.

Sample 4 - What actions would you recommend for teachers to help the student attain a higher rating (or ratings)?

More work on vectors would be beneficial for the student.

Planning for September Moderation 2019 - Statewide Samples

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

Criterion 2 (experiment) with four samples with a larger range (e.g. A to t). We would like to be able to refer to entire experimental reports even though we will only be moderating the parts relating to Criterion 2.

Sharing Resources

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

There is a Teams drive that people can access. We will send out an invite to Teams so that people who haven't access can access it now. Also Jason Dicker's website can be found at Google via a search: physics help Launceston college. Jason, on behalf of the Australian Institute of Physics will be providing in Hobart and Launceston four sessions relating to Modern Solar System, Cosmology, Forces, Energy and Heat.

Course Support

Please provide details of any future focus and ways forward you would like Curriculum Services to consider in relation to this course:

It would helpful to have a course supplement that would list common textbook questions (e.g. Gardiner) that would be useful to this course.