

SUPPLEMENTAL READING ACTIVITY

Exploring the New Internal Assessment

Read the handout “IA Guidance from IB Physics Guide” on the class website and answer the following questions:

1. Who marks work for external and internal assessments? _____

2. The approach to assessment used by the IB is criterion-related, not norm-referenced. What the heck does criterion-related mean? _____

3. What do assessment objectives describe? _____

4. What do assessment criteria describe? _____

5. What do markbands represent? _____

6. What are analytic markschemes prepared for? _____

7. What is the overall weighting (%) of the Internal Assessment for SL and HL? _____
8. In Paper 3, what does Section A consist of? _____

9. In Paper 3, what does Section B consist of? _____

10. In terms of the Purpose of the Internal Assessment, what does it enable students to demonstrate without the time limitations and other constraints associated with written examinations? _____

11. How do the internal assessment *requirements* differ between HL and SL? _____
12. It is the teacher's responsibility to ensure that students are familiar with:
- a. _____

 - b. _____

 - c. _____

13. How many drafts of the IA are teachers allowed to read and give advice on? _____
14. What assistance *should* the teacher provide and what assistance *are they not* to provide? _____

15. All work submitted to the IB for moderation or assessment must be _____

16. Can the same piece of work be submitted for both an internal assessment and an extended essay? _____
17. What does a "best-fit approach" mean? _____

18. How do the internal assessment *criteria* differ between HL and SL? _____
19. (True or False) In order for a mark to be awarded, every single aspect of a level descriptor must be met.

20. (True or False) A student who attains a low achievement level for one criteria should be similarly marked for all criteria. _____
21. How much time should the IA take to complete? _____
22. How many pages should the IA cover? _____
23. What will happen if you exceed this length? _____

24. What drug(s) was the guy taking when he said that it will only take 10 hours? _____

25. What are the possible tasks that can be accomplished in the IA:
a. _____
b. _____
c. _____
d. _____

e. _____
26. What are the five assessment criteria, how many points and what percentage of points are accorded to each?
a. _____
b. _____
c. _____
d. _____
e. _____
27. (True or False) The criterion Personal Engagement can only be evaluated after you have set a wedding date. _____
28. The Personal Engagement criterion assesses the extent to which the student engages with the exploration and *makes it their own*. What things could one have to address in order to allow the grader to recognize personal engagement through different attributes and skills? (stop whining and just copy the last two lines of the paragraph) _____

- Remember, Make It Your Own***
29. What does the criterion Exploration assess? _____

30. What awarenesses are also assessed under Exploration, where appropriate? _____

31. An evaluator determines the following descriptors are most appropriate for a student's Exploration:
- a. The report shows evidence of limited awareness of the significant safety, ethical or environmental issues that are **relevant to the methodology of the investigation**.
 - b. The topic of the investigation is identified and a relevant but not fully focused research question is described.
 - c. The background information provided for the investigation is mainly appropriate and relevant and aids the understanding of the context of the investigation.
 - d. The methodology of the investigation is mainly appropriate to address the research question but has limitations since it takes into consideration only some of the significant factors that may influence the relevance, reliability and sufficiency of the collected data.

What is the most appropriate mark to award for Exploration? _____

32. What does the criterion Analysis assess? _____

33. What does the criterion Evaluation assess? _____

34. What does the criterion Communication assess? _____

Open the handout “Misc IA Guidance” on the class website. Skip ahead to page 7, “Guidance for the use of the internal assessment criteria”. Start reading and answering questions again

Personal Engagement

35. Read the section on Personal Engagement. Summarize the intent of this section in your own words. ____

Exploration

36. The information given must be targeted at the problem rather than _____
_____ in order to _____

37. Why must the data be of sufficient quantity and treatable in an appropriate manner? _____

Analysis

38. What must the drawn conclusions be based on? _____

39. What happens if the variability of the data leads to a tentative conclusion? _____

40. The variability should be demonstrated and _____

Evaluation

41. In terms of a conclusion, what differentiates the Evaluation from the Analysis? _____

42. Variability of the data will also lead into an assessment of _____

Communication

43. Overall, the primary consideration in this area is that the report should be focused and clear so that the reader does not have to go back and re-read it. Nuf sed.

44. What are the expected subject-specific conventions? _____

Errors and uncertainties in physics. Read the 13-page handout and reflect on how it will personally increase your individual adherence to the IB Learner Profile in the context or world-mindedness. Do so in the form of a TOK question.
