

MYP Physical and Health Assessment Criteria Year 5

Criterion A: Inquiring and analysing

Students identify the need for a solution to a problem. At the end of year 5, students should be able to:

- i. explain and justify the need for a solution to a problem for a specified client/target audience
- ii. identify and prioritize primary and secondary research needed to develop a solution to the problem
- iii. analyse a range of existing products that inspire a solution to the problem
- iv. develop a detailed design brief, which summarizes the analysis of relevant research.

Criterion B: Developing ideas

Students develop a solution. At the end of year 5, students should be able to:

- i. develop design specifications, which clearly states the success criteria for the design of a solution
- ii. develop a range of feasible design ideas, which can be correctly interpreted by others
- iii. present the chosen design and justify its selection
- iv. develop accurate and detailed planning drawings/diagrams and outline the requirements for the creation of the chosen solution.

Criterion C: Creating the solution

Students create a solution. At the end of year 5, students should be able to:

- i. construct a logical plan, which describes the efficient use of time and resources, sufficient for peers to be able to follow to create the solution
- ii. demonstrate excellent technical skills when making the solution
- iii. follow the plan to create the solution, which functions as intended
- iv. fully justify changes made to the chosen design and plan when making the solution
 - a. present the solution as a whole

Criterion D: Evaluating

Students evaluate the solution. At the end of year 5, students should be able to:

- i. design detailed and relevant testing methods, which generate data, to measure the success of the solution
- ii. critically evaluate the success of the solution against the design specification
- iii. explain how the solution could be improved
- iv. explain the impact of the solution on the client/target audience.