

Sciences

MYP Year 1 (Year 7 & 8)	
Criterion	Descriptor
A - Knowing and understanding Max. 8	i. outline scientific knowledge ii. apply scientific knowledge and understanding to solve problems set in familiar situations and suggest solutions to problems set in unfamiliar situations iii. interpret information to make scientifically supported judgments.
B - Inquiring and designing Max. 8	i. outline an appropriate problem or research question to be tested by a scientific investigation ii. outline a testable prediction using scientific reasoning iii. outline how to manipulate the variables, and outline how data will be collected iv. design scientific investigations.
C - Processing and evaluating Max. 8	i. present collected and transformed data ii. interpret data and outline results using scientific reasoning iii. discuss the validity of a prediction based on the outcome of the scientific investigation iv. discuss the validity of the method v. describe improvements or extensions to the method.
D - Reflecting on the impacts of science Max. 8	i. summarise the ways in which science is applied and used to address a specific problem or issue ii. describe and summarise the various implications of using science and its application in solving a specific problem or issue iii. apply scientific language effectively iv. document the work of others and sources of information used.

MYP Year 3 (Year 9)	
Criterion	Descriptor
A - Knowing and understanding Max. 8	i. describe scientific knowledge ii. apply scientific knowledge and understanding to solve problems set in familiar and unfamiliar situations iii. analyse information to make scientifically supported judgments.
B - Inquiring and designing Max. 8	i. describe a problem or question to be tested by a scientific investigation ii. outline a testable hypothesis and explain it using scientific reasoning iii. describe how to manipulate the variables, and describe how data will be collected iv. design scientific investigations.
C - Processing and evaluating Max. 8	i. present collected and transformed data ii. interpret data and describe results using scientific reasoning iii. discuss the validity of a hypothesis based on the outcome of the scientific investigation iv. discuss the validity of the method v. describe improvements or extensions to the method.
D - Reflecting on the impacts of science Max. 8	i. describe the ways in which science is applied and used to address a specific problem or issue ii. discuss and analyse the various implications of using science and its application in solving a specific problem or issue iii. apply scientific language effectively iv. document the work of others and sources of information used.