Mathematics

MYP Year 1 (Year 7 & 8)	
Criterion	**Descriptor**
A - Knowing and understanding Max. 8	i. select appropriate mathematics when solving problems in both familiar and unfamiliar situations ii. apply the selected mathematics successfully when solving problems iii. solve problems correctly in a variety of contexts.
B - Investigating patterns Max. 8	i. apply mathematical problem-solving techniques to recognize patterns ii. describe patterns as relationships or general rules consistent with findings iii. verify whether the pattern works for other examples.
C - Communicating Max. 8	i. use appropriate mathematical language (notation, symbols and terminology) in both oral and written statements ii. use appropriate forms of mathematical representation to present information iii. communicate coherent mathematical lines of reasoning iv. organise information using a logical structure.
D - Applying mathematics in real world contexts Max. 8	i. identify relevant elements of authentic real-life situations ii. select appropriate mathematical strategies when solving authentic real-life situations iii. apply the selected mathematical strategies successfully to reach a solution iv. explain the degree of accuracy of a solution v. describe whether a solution makes sense in the context of the authentic real-life situation.

MYP Year 3 (Year 9)	
Criterion	**Descriptor**
A - Knowing and understanding Max. 8	i. select appropriate mathematics when solving problems in both familiar and unfamiliar situations ii. apply the selected mathematics successfully when solving problems iii. solve problems correctly in a variety of contexts.
B - Investigating patterns Max. 8	i. select and apply mathematical problem-solving techniques to discover complex patterns ii. describe patterns as relationships and/or general rules consistent with findings iii. verify and justify relationships and/or general rules.
C - Communicating Max. 8	i. use appropriate mathematical language (notation, symbols and terminology) in both oral and written explanations ii. use appropriate forms of mathematical representation to present information iii. move between different forms of mathematical representation iv. communicate complete and coherent mathematical lines of reasoning v. organise information using a logical structure.
D - Applying mathematics in real world contexts Max. 8	i. identify relevant elements of authentic real-life situations ii. select appropriate mathematical strategies when solving authentic real-life situations iii. apply the selected mathematical strategies successfully to reach a solution iv. explain the degree of accuracy of a solution v. explain whether a solution makes sense in the context of the authentic real-life situation.