Level	General Descriptors - Criterion A: Knowing and Understanding Grades 7-8 / MYP Years 2-3
7 - 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..
5 - 6	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.
3 - 4	i. state scientific knowledge ii. apply scientific knowledge and understanding to solve problems set in familiar situations iii. apply information to make scientifically supported judgments.
1 - 2	i. recall scientific knowledge ii. apply scientific knowledge and understanding to suggest solutions to problems set in familiar situation iii. apply information to make judgments.
0	The student does not reach a standard identified by any of the descriptors above.

Term	MYP definition on top Our definition underneath
Analyse	MYP definition: Break down in order to bring out the essential elements or structure. To identify parts and relationships, and to interpret information to reach conclusions. Our definition: Take apart and look at how the parts interact. Look for patterns and figure out what those patterns mean.
Apply	MYP definition: Use knowledge and understanding in response to a given situation or real circumstance. Our definition: Use what you already know in a new and/or different situation.
Describe	MYP definition: Give a detailed account or picture of a situation, event, pattern or process. Our definition: Tell how something happened (i.e. "first this, then that, then the next thing"). In experiments, identify the minimum and maximum values of data in experimental results and recount the overall trends between variables.
Interpret	MYP definition: Use knowledge and understanding to recognize trends and draw conclusions from given information. Our definition: Identify and describe patterns in data, and tell what those patterns mean.
Outline	MYP definition: Give a brief account. Our definition: Briefly describe the major points or concepts. Think 'bullet points.'
Recall	MYP definition: Remember or recognize from prior learning experiences.

	<u>Our definition</u>: Remember.
Solve	<u>MYP definition</u>: Obtain the answers using appropriate methods. <u>Our definition</u>: Get the right answer by using the procedure your teacher taught you.
State	<u>MYP definition</u>: Give a specific name, value or other brief answer without explanation or calculation. <u>Our definition</u>: Give a one- or two-word answer. Nothing else is needed.
Suggest	<u>MYP definition</u>: Propose a solution, hypothesis or other possible answer. <u>Our definition</u>: Propose one or more possible ways to solve a problem.
Unfamiliar situation	<u>MYP definition</u>: Refers to a problem or situation in which the context or the application is modified so that it is considered unfamiliar for the student <u>Our definition</u>: A problem unlike those we have seen before; a new situation