

STEM Education Service-Learning Project
Reflection - Assessment Rubrics of EMPATHY MAP

Grade	Descriptions
11	<p>Consistently</p> <ul style="list-style-type: none"> - illustrate <u>rich</u> content of what learners saw, heard, did and felt during different stages of their STEM learning - demonstrate a <u>high level</u> of observance and care towards learners when teaching STEM - examine <u>pre-post</u> motivations/frustrations learners experienced before and after learning STEM, and help them address their difficulties and challenges by <u>concrete, appropriate</u> adjustments
8	<p>Some parts illustrate rich content, demonstrate being highly observant towards learners when teaching STEM, and match observations with adjustments, but others:</p> <ul style="list-style-type: none"> - have <u>unclear</u> content, or are in the <u>wrong section</u> on what learners saw, heard, did and felt during different stages of their STEM learning - <u>lack</u> concreteness, elaboration, superficial or off-topic - observations were <u>not matched</u> with adjustments (unclear or seemingly contradictory) to the difficulties and challenges learners experienced when learning STEM
5	<p>Overall (most parts)</p> <ul style="list-style-type: none"> - <u>descriptive</u> and some contents are <u>duplicated</u> on what learners saw, heard, did and felt during different stages of their STEM learning - <u>lacks</u> elaboration, incomplete, superficial and off-topic - does <u>not demonstrate</u> observance and care towards learners when teaching STEM - does <u>not concretize</u> adjustments/actions to the difficulties and challenges learners experienced when learning STEM
0	<p>All parts</p> <ul style="list-style-type: none"> - <u>lack of content</u> on what learners saw, heard, did and felt during different stages of their STEM learning - <u>off-topic</u> - does <u>not demonstrate</u> observance and care towards learners when teaching STEM - does <u>not mention</u> adjustments/actions to the difficulties and challenges learners experienced when learning STEM