

### STEM Wonderland Activity Plan Rubric

Semi-Anonymous ID: \_\_\_\_\_ Evaluator: \_\_\_\_\_ Total Score: \_\_\_\_\_/51

Category	0	1	2	3	Weight *
<b>Objectives and Standards</b>	Objectives and/or standards to match each major component of the activity are missing.	Some standards may be misidentified. Objectives are included and generally match most major components of the activity, or objectives are included but they are not of high quality.	Objectives and standards are included to match major components of the activity. Objectives may not be one of the following: specific, measurable, achievable, relevant, or tailored.	Objectives are included to match major components of the activity and are correctly aligned to the standards. Objectives are of high quality, specific without ambiguous language, measurable, achievable within the scope of the activity, relevant, and tailored to the activity.	X1
<b>Materials</b>	Materials are not described. Resources are not identified. Materials inappropriate for activity or for students	Some materials are missing, inappropriate for activity, or difficult to find.	All materials are described. All resources are identified. All materials appropriate for activity and students. Not all materials can be found in most homes.	All materials are described. All resources are identified. All materials appropriate for activity. Necessary handouts, links, slideshows, etc. are included. All materials can be found in most homes.	X2
<b>Central Focus</b>	Activity plan is missing a central focus section.	Central focus was included, but hard to follow and understand what the activity is about.	Central focus could use more detail. A parent or guardian could have some idea what will happen in the activity but is still missing or contains confusing sections.	Central focus gives a brief explanation or “abstract” of the activity talking mostly about what learning will occur. A parent or guardian could easily read it and understand what the activity is about.	X1

<b>Background Information</b>	None of the following are true: - Information is relevant to the activity. - Information is comprehensive and provides enough detail that someone could easily understand what they should know. - Includes some visual representation of the information or activity.	One of the following is true: - Information is relevant to the activity. - Information is comprehensive and provides enough detail that someone could easily understand what they should know. - Includes some visual representation of the information or activity.	Two of the following are true: - Information is relevant to the activity. - Information is comprehensive and provides enough detail that someone could easily understand what they should know. - Includes some visual representation of the information or activity.	All of the following are true: - Information is relevant to the activity. - Information is comprehensive and provides enough detail that someone could easily understand what they should know. - Includes some visual representation of the information or activity.	X2
<b>Instructions</b>	No instruction included.	Includes vague instructions that are hard or confusing to follow.	Includes some instructions, but still missing steps.	Includes detailed, easy to follow instructions to complete the activity.	X2
<b>At-Home Activity</b>	None of the following are true: - Activity can be completed at home using supplies and resources they have easy access to. - Activity is hands-on. - Activity is STEM– based.	One of the following is true: - Activity can be completed at home using supplies and resources they have easy access to. - Activity is hands-on. - Activity is STEM– based.	Two of the following are true: - Activity can be completed at home using supplies and resources they have easy access to. - Activity is hands-on. - Activity is STEM– based.	All of the following are true: - Activity can be completed at home using supplies and resources they have easy access to. - Activity is hands-on. - Activity is STEM– based.	X3
<b>Student-led Activity</b>	Activity cannot be led by a student and mostly relies on an outside source to complete it.	Activity can somewhat be led by a student, but students rely heavily on an outside source to help them complete it.	Activity can mostly be led by a student, but students may rely on an outside source for two or more aspects of the activity.	Activity can be completely led by a student with little to no support from an outside source.	X1

<b>Originality</b>	Activity is dated and likely to have been done by learners in another class.	Activity is interesting but is not a unique idea.	Activity is interesting, challenging, and motivating, and puts a unique spin on an “old” activity.	Activity is very interesting, challenging, and motivating for learners. Activity is not likely to have been done before by learners.	X2
<b>Activity Questions</b>	None of the following are true: - Includes open-ended questions that reflect on the activity. -Leaves students wanting to learn more. -Provides possible question solutions.	One of the following are true: - Includes open-ended questions that reflect on the activity. -Leaves students wanting to learn more. -Provides possible question solutions.	Two of the following are true: - Includes open-ended questions that reflect on the activity. -Leaves students wanting to learn more. -Provides possible question solutions.	Three of the following are true: - Includes open-ended questions that reflect on the activity. -Leaves students wanting to learn more. -Provides possible question solutions.	X3

The 0-3 score for each criterion will be multiplied by the multiplier number in the final column then added together to find the final score.