

Ion on the Prize National Chemistry Week Activity Plan Competition Rubric

Semi-Anonymous ID: _____ Evaluator: _____ Total Score: _____/39

Category	0	1	2	3	Weight*
Objectives and Standards	Objectives and/or standards to match each major component of the lesson are missing.	Some standards may be misidentified. Objectives are included and generally match most major components of the lesson, or objectives are included but they are not of high quality.	Objectives and standards are included to match major components of the lesson. Objectives may not be one of the following: specific, measurable, achievable, relevant, or tailored.	Objectives are included to match major components of the lesson and are correctly aligned to the standards. Objectives are of high quality, specific without ambiguous language, measurable, achievable within the scope of the lesson, relevant, and tailored to the lesson.	X1
Materials	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.	X1
Central Focus	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 teacher 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 lesson talking mostly about what learning will occur. A teacher could easily read it and understand what the lesson is about.	X1
Background Information	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	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.	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.	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.	X2

	they should know. -Includes some visual representation of the information or activity.	-Includes some visual representation of the information or activity.	-Includes some visual representation of the information or activity.	-Includes some visual representation of the information or activity.	
Instructions	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
At-Home Activity	Cannot be completed with at-home materials.	Can somewhat be completed at home, but students may struggle to have all supplies and resources.	Can mostly be completed at home, but students may struggle to have one or two of the supplies and resources.	Can be fully completed at home. Students will most likely have all supplies and resources.	X1
Originality	Activity is dated and likely to have been done by learners in another class.	Lesson 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
Activity Questions	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.