

Assessment Rubric for Chapter Challenge on Periodic Table

<p>Meets the standard of excellence.</p> <p style="text-align: center;">5</p>	<ul style="list-style-type: none"> • A large variety of the periodic table concepts from the chapter are covered in the game. • Periodic table concepts are correctly and sufficiently addressed. • Chemistry terminology from the chapter is used correctly. • Clear, concise, and coherent explanations are given for concepts presented. • Periodic table concepts are integrated into the game in a creative manner. • The game is appropriate for the intended audience of high school students. • The game enables players to learn periodic table concepts. • Rules of the game are straightforward and the game is easy to play. • The game is interesting, humorous and entertaining.
<p>Approaches the standard of excellence.</p> <p style="text-align: center;">4</p>	<ul style="list-style-type: none"> • Most of the periodic table concepts from the chapter are covered in the game, but some topics are not addressed. • The concepts are addressed sufficiently and mostly correct, with only minor errors. • Chemistry terminology from the chapter is incorporated as applicable. • Explanations are given for most of the chemistry concepts presented. The explanations lack somewhat in clarity. • Periodic table concepts are integrated into the game in a creative manner. • The game is generally appropriate for the intended audience. • The game enables players to learn periodic table concepts, though it may be a little confusing. • Rules of the game are reasonable and the game is relatively easy to play. • The game has entertainment value. It contains some humor and excitement.
<p>Meets an acceptable standard.</p> <p style="text-align: center;">3</p>	<ul style="list-style-type: none"> • Many of the periodic table concepts from the chapter are covered in the game, but several key topics are not addressed. • The concepts are addressed sufficiently and mostly correct, although there are a few significant errors. • Chemistry terminology from the chapter is incorporated to a limited extent. • Explanations are given for some of the chemistry concepts presented. The explanations are generally accurate, but contain some minor errors and/or are not clear. • The game shows creativity. • The game is mostly appropriate for the intended audience. • Players can learn periodic table concepts, but with some difficulty. • Rules of the game are too simple or too complicated, or the game is cumbersome to play. • The game has some entertainment value.
<p>Below acceptable standard and requires remedial help.</p> <p style="text-align: center;">2</p>	<ul style="list-style-type: none"> • Very little about the periodic table is addressed in the game. • The concepts are addressed only superficially and there are significant errors. • A limited amount of chemistry terminology from the chapter is incorporated as applicable. • Few explanations are given for the chemistry concepts presented. The explanations are unclear and/or fraught with error. • The game lacks creativity. • The game is somewhat appropriate for the intended audience. • It is difficult for players to learn periodic table concepts from the game. • The game is difficult to play. • The game has limited entertainment value.
<p>Basic level that requires remedial help or demonstrates a lack of effort.</p> <p style="text-align: center;">1</p>	<ul style="list-style-type: none"> • Periodic table concepts are not addressed to any reasonable extent. • Concepts that are addressed contain major errors. • Chemistry terminology is not used. • No attempt is made to provide explanations for the chemistry concepts presented. • The game lacks creativity. • The game is inappropriate for the intended audience. • Players cannot learn periodic table concepts from the game. • The game is cumbersome or absurd. • The game has no entertainment value.