

# Educational Electronic Games Rubric

Educational electronic games can be utilized in a variety of teaching situations. This rubric will help you evaluate your electronic game in an educational setting. If a criteria rating falls between two levels of achievement, you may score it with a point value between the two levels. To calculate your total score online: enter your score for each criteria, then click the *Calculate Totals* button below the Total Score box.

## Evaluation of Total Score

| CRITERIA                                 | Levels of Achievement   |  |  | Score                          |
|--|---|--|--|--------------------------------|
|  | Baseline  | Effective  | Exemplary  |                                |
| <b>Organization and Design</b>           |   |  |  |                                |
| <b>Layout &amp; Design</b>               | <p>0 points</p> <p>There are few or no graphic elements, no variation in layout and/or the colors interfere with the readability.</p> | <p>3 points</p> <p>There are some graphic elements and limited variation in layout. Design elements sometimes assist students in understanding concepts and ideas.</p> | <p>5 points</p> <p>There are multiple graphic elements and variation in layout. Design elements assist students in understanding concepts and ideas.</p> | <input type="text" value="0"/> |
| <b>Navigation</b>                        | <p>0 points</p> <p>Navigating the game is confusing and information cannot be found easily.</p>                                       | <p>3 points</p> <p>Some navigation is unclear, resulting in a few places where students can become lost.</p>   | <p>5 points</p> <p>The game is well-organized and easy to navigate. Students can clearly understand where they are and where to go next.</p>             | <input type="text" value="0"/> |
| <b>Instructional Design and Delivery</b> |   |  |  |                                |
| <b>Objectives</b>                        | <p>0 points</p> <p>Learning objectives are unclear or non-existent.</p>   | <p>3 points</p> <p>Some learning objectives are identified.</p>  | <p>5 points</p> <p>Learning objectives are clearly identified.</p>   | <input type="text" value="0"/> |
| <b>Different Learning Styles</b>         | <p>0 points</p> <p>The game provides few auditory, kinesthetic, textual and/or visual activities to enhance student learning.</p>     | <p>3 points</p> <p>The game provides some auditory, kinesthetic, textual and/or visual activities to enhance student learning.</p>                                     | <p>5 points</p> <p>The game provides multiple auditory, kinesthetic, textual and/or visual activities to enhance student learning.</p>                   | <input type="text" value="0"/> |
|  |   |  |  |                                |

|                                     |  |   |   |                                |
|-------------------------------------|--|---|---|--------------------------------|
| <b>Higher Level Learning Skills</b> | 0 points<br>The game provides limited or no activities to help students increase their cognitive skills, such as analysis, synthesis and evaluation. | 3 points<br>The game provides some activities to help students increase their cognitive skills, such as analysis, synthesis and evaluation. | 5 points<br>The game provides multiple activities to help students increase their cognitive skills, such as analysis, synthesis and evaluation. | <input type="text" value="0"/> |
|-------------------------------------|--|---|---|--------------------------------|

**Game-Based Learning**

|              |   |   |   |                                |
|--------------|---|---|---|--------------------------------|
| <b>Rules</b> | 0 points<br>Rules are not clearly stated. | 3 points<br>Some rules are given, but there is missing information. Students might be confused. | 5 points<br>Every rule is clearly stated. | <input type="text" value="0"/> |
|--------------|---|---|---|--------------------------------|

|              |  |   |  |                                |
|--------------|--|---|--|--------------------------------|
| <b>Goals</b> | 0 points<br>Goals are vague or incomplete. | 3 points<br>Goals are at least partially described. | 5 points<br>Goals are clearly stated and measure what students must know and be able to do to accomplish the game. | <input type="text" value="0"/> |
|--------------|--|---|--|--------------------------------|

|                 |  |   |  |                                |
|-----------------|--|---|--|--------------------------------|
| <b>Feedback</b> | 0 points<br>There are few or no opportunities for students to receive feedback on their performance. | 3 points<br>There are some opportunities for students to receive feedback on their performance. | 5 points<br>There are frequent opportunities for students to receive timely feedback on their performance. | <input type="text" value="0"/> |
|-----------------|--|---|--|--------------------------------|

|                    |  |  |  |                                |
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| <b>Interaction</b> | 0 points<br>Student-to-computer and student-to-student interactions are limited or non-existent. | 3 points<br>Student-to-computer and student-to-student interactions are at least partially identified. | 5 points<br>Student-to-computer and student-to-student interactions can be clearly identified. There is a definitive increase in social interaction. | <input type="text" value="0"/> |
|--------------------|--|--|--|--------------------------------|

|                |  |   |   |                                |
|----------------|--|---|---|--------------------------------|
| <b>Subject</b> | 0 points<br>The subject or topic of the game is vague or incomplete. | 3 points<br>The subject or topic of the game is at least partially described. | 5 points<br>The subject or topic of the game is clearly stated. | <input type="text" value="0"/> |
|----------------|--|---|---|--------------------------------|

|                    |  |  |  |                                |
|--------------------|--|--|--|--------------------------------|
| <b>Total Score</b> |  |  |  | <input type="text" value="0"/> |
|--------------------|--|--|--|--------------------------------|

## Evaluation of Total Score:

| Rating    | Total Point Range   | Number of Criteria Rated at this Level | Your Rating |
|-----------|---------------------|--|-------------|
| Exemplary | 40-50 points        | <input type="text" value="0"/>         |             |
| Effective | 30-39 points        | <input type="text" value="0"/>         |             |
| Baseline  | less than 30 points | <input type="text" value="0"/>         |             |

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