

Name: _____

% Score: _____

Computer Simulation Worksheet Rubric

| Dimension | Excellent (4 p) | Good (3 pts) | Fair (2 pts) | Poor (0-1 pts) | Score |
|-----------------|---|---|---|---|-------|
| Header | Contains good title and lines for name, date, and period. | Contains name line but no title or period or date lines. | Contains title but no line for name and/or period, and/or date. | Contains no space for title, name, date, or period. | |
| Appropriateness | Subject matter is both appropriate for the course and for the level at which it is intended to be used. | Subject matter is appropriate but not for the level at which it is intended to be used. | Subject matter is only marginally appropriate for intended course and students. | Subject matter is neither appropriate for intended students nor does it deal with appropriate science subject matter. | |
| Source | States URL where the simulation can be obtained. | States name and source, but does not provide URL. | Provides only name of simulation. | Provides no meaningful source information. | |
| Introduction | Provides a clear goal statement & includes student performance objectives. | Provides a clear goal statement but student objectives are not performance based. | Provides a vague introductory goal statement, leaving objectives uncertain. | Provides no, unclear, or inadequate goal statement and student objectives. | |
| Instructions | Clear, succinct instructions provide as appropriate. | Instructions are provided but incomplete. | Instructions are provided but they are vague or inaccurate. | Instructions generally unclear or completely wrong. | |
| Questions | Contains 8 or more questions. | Contains 6-7 questions. | Contains 3-4 questions. | Contains less than 4 questions. | |
| Manipulation | Requires regular and repeated changes in system parameters; optimizes use of simulation. | Requires some changes in system parameters; does not optimize use of simulation. | Requires only a very few changes in system parameters; does not optimize use of simulation. | No meaningful manipulation of system parameters; does not optimize use of simulation. | |
| Inferences | Requires students explicitly to draw principles or conclusions from simulation. | Requires students explicitly to state included principles or conclusions, but does not require students to draw them. | Only marginally requires students to state principles or conclusions from simulation. | Does not require students explicitly to draw or state principles or conclusions from simulation. | |
| Application | Requires students to apply learning to at least three new situations. | Requires students to apply learning to at least two new situations. | Requires students to apply learning to at least one new situation. | Requires students to apply learning to no new situations. | |
| Accuracy | Scientifically accurate throughout. | Make minor mistakes. | Makes on or more major mistakes. | So many mistakes as to be useless. | |
| Format | Immediately useful by students. | Useful after minor format changes. | Useful only after major changes. | So poorly formatted as to be useless. | |
| TOTAL: | | | | | _____ |
| | | | | | 44 |

Comments (see back of sheet for additional comments):