



## Evaluation Tool for Elementary and Middle School Web-Based Instructional Materials

PEDAGOGY		
<b>8. Hands-on activities?</b>	How important is hands-on work to this program? How well is it integrated with on-line work?	
<b>9. Modes of learning?</b>	Which learning modes (e.g., experimenting, reading, writing, talking, Web surfing) are used extensively in this program?	
<b>10. Collaboration?</b>	How does the technology facilitate student collaboration?	
<b>11. Broad vs. deep?</b>	Does the range of topics and mode of presentation allow extended investigation of science content?	
<b>12. Student/teacher interactions on science content?</b>	How do students interact with teachers (or experts) to assist understanding of science content?	
<b>13. Age appropriateness?</b>	Is the science content appropriate for the stated grade range? What grade(s) would be the best fit?	

TEACHER MATERIALS		
<b>14. Teacher training and support?</b>	What level of training and support would teachers need to use this program? Is sufficient support provided?	
<b>15. Science content?</b>	Does the material provide (or is it linked to) adequate science-content knowledge for the teacher?	

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ASSESSMENT		
<b>16. Science content?</b>	How do the formal assessments account for student learning of science concepts and content?	
<b>17. Learning styles?</b>	How do the formal assessments respond to different learning styles and modes of expression?	

EQUITY AND INCLUSION		
<b>18. Race, ethnicity, gender?</b>	How does the material promote equity and inclusion for students of differing race, ethnicity, gender, and age?	
<b>19. Special needs?</b>	What strategies are used to make the materials accessible to students with special needs or learning challenges?	
<b>20. Learning styles?</b>	In what ways is this material accessible to students with different learning styles?	

ALIGNMENT WITH STATE STANDARDS		
<b>21. Science content?</b>	Which of your state standards for science content are substantially aligned with this material?	
<b>22. Science process skills?</b>	Which of your state standards for science process skills are substantially aligned with this material?	

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## SUMMARY

Summarize what you feel are the principal strengths and weaknesses of this material.

STRENGTHS	WEAKNESSES

Would you recommend this material for use in your school/situation?       YES       NO

If so, for which grade or grade level?      \_\_\_\_\_

What other materials or instructional strategies should be used in conjunction with this one?

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