

Debbie Denise Reese, PhD  
CyGaMEs Principal Investigator  
WJU/CET  
316 Washington Avenue  
Wheeling, WV 26003

June 14, 2011

Re: CyGaMEs alignment to WV CSOs

Dear Ms Reese:

After a review of the computer Selene game, it has been determined that that the program aligns to objectives in the WV Policy 2520.3, the K-8 Science Content Standards and Objectives.

- SC.O.5.2.24 - explore and explain how fossils and geologic features can be used to determine the relative age of rocks and rock layers.
- SC.O.6.2.14 - describe the composition and properties of matter (e.g., particles, malleability, melting point, density, inertia, or specific heat).
- SC.O.6.2.18 - describe the flow of heat between objects (e.g., hot air rises, or absorption and release of heat by metals).
- SC.O.6.2.20 - correlate the relationship of mass to gravitational force (e.g., larger the mass the larger the gravitational force, or the closer the objects the stronger the force).
- SC.O.6.2.27 - recognize the phases of the moon.
- SC.O.6.2.28 - investigate models of earth-moon-sun relationships (e.g., gravity, time, or tides).
- SC.O.7.2.01 - demonstrate an understanding of the interrelationships among physics, chemistry, biology, earth/environmental science, and astronomy.
- SC.O.7.2.31 - determine the relevant age of rock layers using index fossils and the law of superposition.

Policy 2520.3 also contains science process objectives for grades 5, 6, and 7 which state- the students will use a variety of technologies and scientific instruments to conduct explorations, investigations and experiments of the natural world. Policy 2520.14 addresses 21st Century Learning Skills and Technology Tools. The Selene game aligns to Standard 21C.S.5-8.2 of that policy which states- The student will



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demonstrate the ability to explore and develop new ideas, to intentionally apply sound reasoning processes and to frame, analyze and solve complex problems using appropriate technology tools.

Process and technology objectives are to be used in conjunction with science content skills as part of the science curriculum. The Selene game does provide opportunities for the students to engage in computer simulations as they explore science concepts addressed in the WV curriculum and may be used as part of the instruction for those objectives.

A handwritten signature in black ink that reads "Robin Anglin". The signature is written in a cursive, flowing style.

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