

**LEGISLATIVE REVIEW OF ADOPTED REGULATIONS—NRS 233B.066**  
**Informational Statement**  
**LCB File No. R084-13**

**1. A clear and concise explanation of the need for the adopted regulation.**

This adopted regulation is in response to the call for educators to make improvements to previous legislation regarding K-12 science education standards in order to make Nevada students college and career ready. In response to this call, Nevada science educators collaborated and decided that science standards based on **A Framework for K-12 Science Education: Practices, Crosscutting Concepts and Core Ideas** findings would best serve Nevada's students. This adopted regulation embraces rigorous goals for all students, provides a greater opportunity for Nevada's educators to foster the development of a scientifically literate society via its alignment to other K-12 disciplines and the inclusion of the 21st Century Skills and reflects the real world interconnections in science. This adopted regulation was developed based on current and relevant science research in order to meet the diverse needs of all our students through its emphasis of *disciplinary core ideas* (earth & space science, engineering design, life science and physical science), *crosscutting concepts* (patterns, cause and effect: mechanism and explanation, scale, proportion, & quantity, systems & system models, energy & matter: flows, cycles, & conservation, structure & function, and stability & change.) and the *science & engineering practices* (asking questions & defining problems, developing & using models, planning & carrying out investigations, analyzing & interpreting data, using mathematics, information & computer technology as well as computational thinking, constructing explanations & designing solutions, engaging in argument from evidence and obtaining, evaluating, & communicating information).

**2. Description of how public comment was solicited, a summary of public response, and an explanation of how other interested persons may obtain a copy of the summary.**

The Notice of Intent to Act Upon a Regulation for public hearing and adoption of Proposed Amendments was filed at the following locations on 1/22/14. The offices of the Nevada Department of Education in Carson City and Las Vegas, at the 17 Nevada School District Superintendent's Offices, the 17 county main public libraries, the Nevada State Library and Archives, the Department of Education website and the Legislative Council Bureau website.

A summary may be obtained by contacting Karen Johansen, Administrative Assistant, Nevada Department of Education, 775-687-9225 or by writing to the Nevada Department of Education, 700 East Fifth Street, Carson City, Nevada 89701-5096.

**3. The number of persons who:**

- (a) Attended each hearing: 59**
- (b) Testified at each hearing; 6**
- (c) Submitted written comments: 1**

**4. For each person identified in paragraphs (b) and (c) of number 3 above, the following information if provided to the agency conducting the Hearing: (Please see attached)**

- (a) Name;**
- (b) Telephone number;**
- (c) Business Address;**
- (d) Business telephone number;**
- (e) Electronic mail address;**
- (f) Name of entity or organization represented**

**5. A description of how comment was solicited from affected businesses, a summary of their response and an explanation of how other interested persons may obtain a copy of the summary.**

The Notice of Intent to Act Upon a Regulation for public hearing and adoption of Proposed Amendments was filed at the following locations on 1/22/14. The offices of the Nevada Department of Education in Carson City

and Las Vegas, at the 17 Nevada School District Superintendent's Offices, the 17 county main public libraries, the Nevada State Library and Archives, the Department of Education website and the Legislative Council Bureau website.

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**6. If the regulation was adopted without changing any part of the proposed regulation, a summary of the reasons for adopting the regulation without change.**

The proposed regulations were adopted as submitted as the public input supported the proposed regulations with exception of two corrected typos.

**7. The estimated economic effect of the regulation on the business which it is to regulate and on the public:**

**(a) Estimated economic effect on the businesses which they are to regulate**

None.

**(b) Estimated economic effect on the public which they are to regulate**

None

**8. The estimated cost to the agency for enforcement of the proposed regulation: None**

**9. A description of any regulations of other State of governmental agencies which the regulation overlaps or duplicates and a statement explaining why the duplication or overlap is necessary. If the regulation overlaps or duplicates a federal regulation, the name of the regulating federal agency. None.**

**10. If the regulation includes provisions that are more stringent than a federal regulation that regulates the same activity, a summary of such provisions. None.**

**11. Of the regulation provides a new fee or increases an existing fee, the total annual amount of the agency expects to collect and the manner in which the money will be used. None.**

Public Comment Contact Information for R084-13 Public Hearing 2/26/2014 Department of Education

For each person identified in paragraphs (b) and (c) of number 3 above, the following information if provided to the agency conducting the Hearing: (Please see attached)

- (g) Name: Beth Wells
- (h) Telephone number; 775-225-4411
- (i) Business Address;
- (j) Business telephone number;
- (k) Electronic mail address;
- (l) Name of entity or organization represented: Nevada Stem Coalition

For each person identified in paragraphs (b) and (c) of number 3 above, the following information if provided to the agency conducting the Hearing: (Please see attached)

- (a) Name: David Crowther
- (b) Telephone number; 775-682-7532
- (c) Business Address;
- (d) Business telephone number;
- (e) Electronic mail address;
- (f) Name of entity or organization represented: Professor of Science, UNR, Executive Director  
Raggio Research Center for STEM Education

For each person identified in paragraphs (b) and (c) of number 3 above, the following information if provided to the agency conducting the Hearing: (Please see attached)

- (m) Name: Sean Hill
- (n) Telephone number; 916-616-3842
- (o) Business Address; 190 E. Liberty St, Reno, NV
- (p) Business telephone number;
- (q) Electronic mail address;
- (r) Name of entity or organization represented: Sierra Nevada Journeys

For each person identified in paragraphs (b) and (c) of number 3 above, the following information if provided to the agency conducting the Hearing: (Please see attached)

- (s) Name: Kelly Cannon
- (t) Telephone number; 775-762-5788
- (u) Business Address; 380 Edison Way, Reno NV
- (v) Business telephone number;
- (w) Electronic mail address;
- (x) Name of entity or organization represented: K-12 Science Program, Washoe County School  
District