

2015 Science Standards Review Historical Timeline Wyoming Department of Education

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Timeline for Science Standards Review Process

Date(s)	Event	Notes
March 17, 2015	WY State Board of Education (SBE) Meeting	<p>Motion carried that a process be established that would reengage a science standards committee...to use the work of the previous committee and add additional resources. Public input would be given before a recommendation goes to the SBE. Also, the committee will expand to include additional membership to ensure quality science standards.</p> <p>Motion carried to also direct the WDE to establish a narrative communication committee to support the SSRC in developing the narrative surrounding the support of implementing the standards.</p> <p>SBE Minutes: http://edu.wyoming.gov/downloads/board/2015/sbe-mar-2015-minutes.pdf</p>
April 3, - 20, 2015	Call for participants for the Science Standards Review Committee (SSRC)	<p>Press Release: http://edu.wyoming.gov/downloads/communications/pr/2015/science-standards-review-committee-survey-2015.pdf</p>
May 20, 2015	SSRC WebEx Webinar (1 hr.)	<p>PowerPoint: http://edu.wyoming.gov/downloads/standards/2015/SSRCwebinar052015.pdf</p>
May 26-28 & June 8-9, 2015	Regional Public Input Meetings (see summary) (see table for locations)	<p>Press Release: https://edu.wyoming.gov/downloads/communications/pr/2015/Community-Meetings-on-SSRC.pdf</p> <p>PowerPoint: http://edu.wyoming.gov/downloads/standards/2015/science-community-mtgs-05-15.pdf</p>
June 15-16, 2015	First face-to-face meeting with SSRC at Casper College (see summary)	<p>Agenda: http://edu.wyoming.gov/downloads/standards/2015/SSRCagenda061515.pdf</p> <p>PowerPoint: http://edu.wyoming.gov/downloads/standards/2015/SSRCppt061515.pdf</p>
August 11-12, 2015	Second face-to-face meeting with SSRC at Holiday Inn in Riverton (see summary)	<p>Agenda: http://edu.wyoming.gov/downloads/standards/2015/SSRCagenda081215.pdf</p>
November 13-15, 2015	Third face-to-face meeting with SSRC in Casper	<p>Agenda: TBA</p>

**Timeline & Stipends for
Science Standards Review Committee (SSRC) Meetings**

Meeting Type	Date	Length of Meeting	Location	# in Attendance	Stipend Amount	Total Amount Paid for Stipends
Webinar with homework	May 20, 2015	2.5 hrs.	Video Conference-WebEx	41	\$100	\$4,100
Face-to-Face	June 15-16, 2015	2 days (15 hours)	Casper-Casper College	38	\$300/day	\$22,650
Face-to-Face	August 11-12, 2015	2 days (15 hours)	Riverton-Holiday Inn	29 (8/11) 24 (8/12)	\$300/day \$150/half day	\$15,900

2015 Regional Community Input Meetings for Science Standards Review

Date & Time	Location & Address	Room	# in Attendance	# that gave Written Comment
May 26, 2015 6-7:30 pm	Powell High School 1151 E. 7 th Street Powell, WY	Commons Area	30	16
May 27, 2015 6-7:30 pm	Gillette College 300 W. Sinclair Gillette, WY	Flex Space 136A-C	8	7
May 28, 2015 6-7:30 pm	Natrona District Office 970 N. Glen Rd Casper, WY	Jefferson East Room	15	12
June 8, 2015 6-7:30 pm	Laramie District Office 2811 House Ave Cheyenne, WY	Storey Gym Board Room	44	31
June 9, 2015 6-7:30 pm	Evanston High School 701 W. Cheyenne Evanston, WY	Seminar Room	15	10
		Sub-Total	112	76
Closed 6/12	Collected Online on WDE website			135
		TOTAL	211	

2015 Regional Community Input Meetings for Science Standards Review

Each meeting began at 6:00 PM with a warm introduction by Brent Young, Laurie Hernandez, and Mike Cosenza. Throughout the 20-minute presentation, the public was informed on the standards review authority, the committee selection process and makeup, roles of the WDE consultants and the content committee, review process goals and objectives, options for committee review of standards, design criteria, definitions, and a timeline. The presentation concluded with a short YouTube video titled, *Why Excellent Science Standards Are Important*, which contained commentary from Superintendent of Public Instruction Jillian Balow, SBE Chairman Pete Gosar, and UW Professor Brent Bowers. A PDF copy of the presentation with video can be found here: <http://edu.wyoming.gov/downloads/standards/2015/science-community-mtgs-05-15.pdf>

After the formal presentation, community members were asked to write a short bio and reflect on two questions stemming from the video:

1. Why do you think excellent science standards in Wyoming are needed?
2. What would you like to share with the standards review committee?

Participants were also allowed time during the 1-hour meeting to verbally share their thoughts on these two questions. A public survey/form with the same two questions was linked to the WDE website for those who could not attend the meetings in person. Between the meetings and the online survey, there were 211 responses. Comments were very diverse, but the overall summary revealed that Wyoming residents simply want the best science standards for their children; that they want them to be able to be informed citizens and able to be globally competitive. Public input from the meetings and the online survey can be found by following this link: <http://edu.wyoming.gov/downloads/standards/2015/SSRC-public-input-read-only.xlsx>

Summary of 2015 Science Standards Review Committee (SSRC) Meetings

Wednesday, May 20, 2015, WebEx Webinar, Conference call / Online:

This was the first meeting of the new committee, which is comprised of 20 returning members from the 2012 review committee and 20 new members that were selected from the “call for participants” pool.

The purpose of this videoconference was to discuss the review timeline, clarify the review process and meeting procedures, answer questions pertaining to national and state science standards, and define common science terminology.

Monday, June 15, 2015 - Tuesday, June 16, 2015, Casper College, Casper:

This was the first face-to-face meeting of the Science Standards Review Committee (SSRC). Thirty-eight (38) members were in attendance over the course of this two-day meeting.

The meeting convened at 10:00 AM on Monday, June 15, 2015 with a welcome and introductions. A good portion of the morning and early afternoon was spent on reviewing national and state science standards, as well as the comments from regional community input. The discussion centered on an evaluation of the current 2008 Wyoming Science Content & Performance Standards and the possibility of adopting standards based on national research and other exemplar states’ science standards. The committee broke out into four subcommittees, two elementary subcommittees (grades K-2 & 3-5), one middle school subcommittee (grades 6-8), and one high school subcommittee (grades 9-12). Each subcommittee discussed and met consensus on the approach they’d like to whole committee

(SSRC) to take with the science standards. The group came to consensus on base standards to be used as a foundation (backbone), with revisions/additions/adaptations as the committee sees fit, for developing new Wyoming Science Content & Performance Standards.

For the remainder of the afternoon, the SSRC broke out into four subcommittees. Each subcommittee was comprised of at least one higher education educator, one parent, one community/business member, and teachers from varying grade levels.

Each subcommittee compared the current 2008 Wyoming Science Content & Performance Standards to the base standards, looking closely at content, rigor, and grade level appropriateness. The subcommittees spent the rest of the afternoon and all of day two (Tuesday, June 16, 2015) dissecting the base standards by topic and Disciplinary Core Idea (DCI). Public input was heard and respected by the committee as many changes were made to clarification statements to make them more "Wyoming specific".

The subcommittees agreed to meet via web conference (Google Hangouts, etc.) to discuss and come to consensus on some of the more controversial topics before the next face-to-face meeting.

Tuesday, August 11, 2015 - Wednesday, August 12, 2015, Riverton Holiday Inn Conference Center, Riverton:

This was the second face-to-face meeting of the Science Standards Review Committee (SSRC). Twenty-nine (29) members were in attendance over the course of this 2-day meeting.

The meeting convened at 8:00 AM on Tuesday, August 11, 2015 with a welcome and introductions. The agenda was modified to meet the needs of the subcommittees that morning. A good portion of the morning and early afternoon was spent on seeking consensus on revisions, additions, and adaptations to the base standards (new proposed Wyoming Science Content & Performance Standards).

For the remainder of the afternoon, the SSRC combined subcommittees to form two subgroups. Mike Cosenza assisted the K-5 subgroup which was composed of the two elementary subcommittees, and Laurie Hernandez facilitated over the 6-12 subgroup which was comprised of the middle and high school grade bands. These subgroups were charged with vertically aligning the standards and seeking consensus on the changes made to the performance expectations that each subcommittee met consensus on in their morning/afternoon breakout.

The second day was devoted to whole committee (K-12) alignment and seeking consensus on changes made to the performance expectations (standards) in the subgroups from day one. It was agreed upon by the committee to extend the half-day session into a full day to meet this goal. There was a lot of discussion on grade level appropriateness and public perception of the language on the content expectations. The SSRC used Wyoming specific examples as needed and did a great job aligning the expectations across grade bands.

The SSRC agreed that future face-to-face meetings will need to take place to finalize the standards draft and discuss the integration of Engineering & Science Practices. This meeting concluded on Wednesday, August 12, 2015 at 4:00 PM.