

Iowa Core Science Standards Review Team

May 7, 2015 9:00 a.m. -- 4:00 p.m.

Science Center of Iowa
401 W. Martin Luther King Jr. Parkway
Des Moines, Iowa

Meeting Notes

Notes submitted by Susan Peterson

Attendees:

Science Team Members: Matt Geraghty, Robin Habeger, Renee Harmon, Kris Kilibarda, Rob Kleinow, Lisa Krapfl, Chris Kurtt, Dean Lange, Jon Markus, Ted Neal, Abby Richenberger, Tamara Trinder, Wade Weber, (Remote: James Pifer, John Bedward, and Lyn Countryman)

Facilitators: Marian Godwin, Susan Peterson

DE Staff Observers: Brad Niebling, Rita Martens

Public Observers: One guest

Notes:

The meeting convened at 9:00 a.m.

Agenda Item: Introduction and welcome

Brad Niebling welcomed and thanked the group for their work, reviewing their purpose and charge. The Science Team was again reminded that if they needed additional resources at any point in time, those resources would be provided.

Marian Godwin reviewed the day's agenda and meeting norms.

Agenda Item: Review of April 14, 2015 Meeting

The April 14th meeting was reviewed. During that meeting, the team agreed to recommend the adoption of the Next Generation Science Standards Performance Expectations be adopted as grade specific for grades K-8 and grade span for grades 9-12.

Option Two: The Science Team will revisit if standards for grades 6, 7 and 8 should be grade-specific or grade band as they work toward a recommendation for Iowa Science Standards. Eight team members voted for this.

REVISIT GRADE SPECIFIC vs BAND VOTE		Signatures 
		
YES or NO?		
<small>Fill your one dot below & sign on the right:</small>		
YES	NO	
○○○○○○○○○ ○○○○○○○○○ ○○○○○○○○○	○○○○○○○○○ ○○○○○○○○○ ○○○○○○○○○	
.....		
Vote Sheet # <u>1</u>		Date: 7 May 2015 Organization/Event: Science Standards Review Team

With the team members evenly split on this issue, discussion continued with each team member individually expressing his/her viewpoint on the issue of grade span vs grade-specific 6, 7 and 8 standards. After all arguments were heard, the team once again voted to determine if the Iowa Science Standards should be 6, 7 and 8 grade-specific, or 6-8 grade span. The Voting Sheets are shown below, with DOTS representing a vote by a team member.

Option One: The Science Team will continue to work toward a recommendation for Iowa Science Standards that are grade-specific for grades 6, 7 and 8. Twelve team members voted for this.

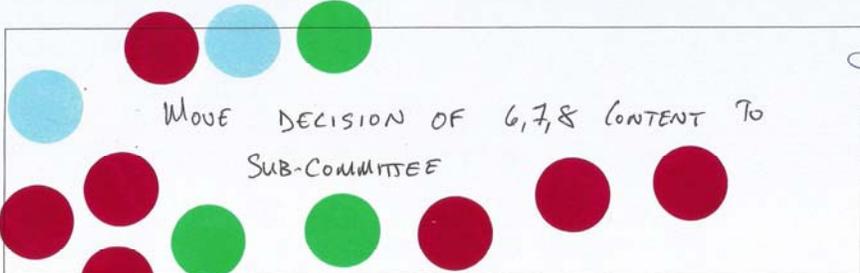
 <p>Stay With Grade Specific</p>		Signatures 
YES or NO? <small>Fill your one dot below & sign on the right:</small>		
YES ○○○○○○○○○○ ○○○○○○○○○○ ○○○○○○○○○○	NO ○○○○○○○○○○ ○○○○○○○○○○ ○○○○○○○○○○	
<p>Vote Sheet # <u>2</u> Date: 7 May 2015 Organization/Event: Science Standards Review Team</p>		

Option Two: The Science Team will continue to work toward a recommendation for Iowa Science Standards using a grade band model for grades 6-8. Four team members voted for this.

 <p>Go With Grade Band</p>		Signatures 
YES or NO? <small>Fill your one dot below & sign on the right:</small>		
YES ○○○○○○○○ ○○○○○○○○ ○○○○○○○○	NO ○○○○○○○○ ○○○○○○○○ ○○○○○○○○	
.....
Vote Sheet # <u>2</u> Date: 7 May 2015 Organization/Event: Science Standards Review Team		

It was determined that the team would continue with its recommendation for grade-specific standards for grades 6, 7 and 8. Team members then decided if they should as a large group begin the work of assigning standards to grades 6, 7 and 8, or if they should create a sub-committee to begin the work. The Voting Sheets are shown below, with DOTS representing a vote by a team member.

Option Two: The Science Team will form a sub-committee to begin the work of deciding upon grades 6, 7 and 8 content. Twelve team members voted for this.

 <p>MOVE DECISION OF 6,7,8 CONTENT TO SUB-COMMITTEE</p>		<p>Signatures</p> 
<p>YES or NO?</p> <p><small>Fill your one dot below & sign on the right:</small></p>		
<p>YES</p> <p>oooooooooo oooooooooo oooooooooo</p>	<p>NO</p> <p>oooooooooo oooooooooo oooooooooo</p>	
<p>... COULD START TODAY TO HAND SUB-COMMITTEE SOMETHING TO START WITH.</p>		
<p>Votes Sheet # <u>3</u></p>		<p>Date: 7 May 2015 Organization/Event: Science Standards Review Team</p>

It was determined that the team would create a sub-committee to begin the work of assigning standards to grades 6, 7 and 8.

Agenda Item: Large Group Discussion of Initial Recommendation

After discussing the recommendation decided upon at the April 14th meeting, the team agreed that clarification was needed for the recommendation to the State Board of Education to accurately reflect the intent of the group. With a show of hands, team members were unanimous in deciding the official recommendation to be:

We recommend the Next Generation Science Standards Performance Expectations be adopted as Iowa's Science Standards, grade specific for grades K-8 and grade span for grades 9-12, acknowledging the importance of integrating the Disciplinary Core Ideas, Crosscutting Concepts, and Science & Engineering Practices in achieving these standards.

Agenda Item: Large Group Discussion of Additional Recommendations

Team members discussed additional recommendations that were brought to their attention from the report-writing subcommittee that met after the last meeting on April 14th. The team agreed to include the following items in their final report, with the understanding that these recommendations will be reviewed in the next draft of the report by the entire group to ensure they accurately reflect the opinion of the Science Review Team:

It is also recommended that:

- professional development is provided to support the implementation of the new standards.
- professional development resources are available for use by any providers, teacher leaders, and users.
- time is provided for educators to take part in professional development.
- the Iowa Core website provides access to the corresponding supporting documents of the Next Generation Science Standards.
- the Assessment Task Force reconvenes as soon as the new science standards are approved and new assessments are available for review.

Agenda Item: Standards Review Team plans schedule and next steps.

The recommendations will be formalized in a report to be submitted to the State Board of Education, documenting the work of the Science Review Team. A sub-committee will designate grade-specific standards for grades 6, 7 and 8 to recommend to the team. The facilitators will work with members of the team to construct the report for the team to review prior to their next meeting (date to be determined). At this meeting, the report will be finalized and officially approved by the Science Review Team.

Agenda Item: Meeting Adjourns

The meeting was officially adjourned at 2:00 p.m.