

UPDATE ON PROPOSED MISSOURI LEARNING STANDARDS

STATUTORY AUTHORITY:

Sections 160.514 and 161.092, RsMO

Consent
Item

Action
Item

Report
Item

DEPARTMENT GOAL NO. 1:

All Missouri students will graduate college and career ready.

SUMMARY:

House Bill 1490 was signed into law in July of 2014. It is now listed in the Missouri Revised Statutes in Chapter 160.514.1. The law addresses academic performance standards for Missouri’s students and outlines a process which must be followed whenever the State Board of Education develops, evaluates, modifies, or revises academic performance standards or learning standards.

The law states that the State Board of Education shall solicit comments and feedback on the academic performance standards or learning standards from the Joint Committee on Education and from academic researchers. This presentation will outline the processes used to garner feedback from these sources, as well as from the general public.

PRESENTER:

Blaine Henningsen, Assistant Commissioner, Office of College and Career Readiness, will assist with the presentation and discussion of this agenda item.

Public Survey Responses

ELA K-5	Strand	Average Total Responses*	Total Views
	Reading Foundations	189	776
	Reading	245	776
	Writing	193	776
	Speaking and Listening	125	776
	Language	187	776
ELA 6-12	Strand	Average Total Responses*	Total Views
	Reading Literary Texts	139	483
	Reading Informational Texts	91	483
	Writing and Research	160	483
	Speaking and Listening	88	483
MATH K-5	Domain	Average Total Responses*	Total Views
	Number Sense K-1	72	426
	Number Sense Operations in Base Ten	74	426
	Number Sense Operations with Fractions	86	426
	Relationships & Algebraic Thinking	132	426
	Geometry and Measurement	146	426
	Data and Statistics	107	426
MATH 6-12	Domain	Average Total Responses*	Total Views
	Ratios and Proportional Relationships	30	254
	Number Sense and Operations	28	254
	Expressions, Equations, and Inequalities	24	254
	Geometry and Measurement	21	254
	Data Analysis, Statistics, and Probability	19	254
	Functions	8	254
	Algebra - High School	60	254
	Data - High School	6	254
Geometry - High School	35	254	
SOCIAL STUDIES K-5	Strand	Average Total Responses*	Total Views
	Documents Shaping Constitutional Democracy	82	290
	Governance Systems	50	290
	History	115	290
	Economics	54	290
	Geographic Study	55	290
	People, Groups and Cultures	40	290
	Tools of Social Science Inquiry	42	290
SOCIAL STUDIES 6-12	Strand	Average Total Responses*	Total Views
	History: Continuity and Change	59	250
	Government Systems and Principles	41	250
	Geographical Study	34	250
	Economic Concepts	26	250
	People, Groups and Cultures	28	250

* Of the seven questions collected for the content strand, this column denotes an average of all responses.

SCIENCE K-5	Strand	Average Total Responses*	Total Views
	Matter and its Interactions	53	260
	Motion and Stability; Forces and Interactions	45	260
	Energy	27	260
	Waves and Applications in Technology for Information Transfers	35	260
	From Molecules to Organisms: Structures and Process	52	260
	Ecosystems: Interactions, Energy, and Dynamics	30	260
	Heredity and Inheritance: Variation of Traits	32	260
	Biological Evolution: Unity and Diversity	31	260
	Earth's Place in the Universe	50	260
	Earth's Systems	47	260
	Earth and Human Activity	22	260
SCIENCE 6-12	Strand	Average Total Responses*	Total Views
	Matter and its Interactions (6-8)	23	219
	Motion and Stability: Forces and Interactions (6-8)	23	219
	Energy (6-8)	13	219
	Waves and their Applications in Technologies for Information Transfer (6-8)	12	219
	From Molecules to Organisms: Structures and Processes (6-8)	26	219
	Ecosystems: Interactions, Energy, and Dynamics (6-8)	16	219
	Biological Evolution: Unity and Diversity (6-8)	21	219
	Earth's Place in the Universe (6-8)	22	219
	Earth's Systems (6-8)	22	219
	Earth and Human Activity (6-8)	9	219
	Matter and its Interactions (9-12)	21	219
	Motion and Stability: Forces and Interactions (9-12)	6	219
	Energy (9-12)	9	219
	Waves and their Applications in Technologies for Information Transfer (9-12)	12	219
	From Molecules to Organisms: Structures and Processes (9-12)	22	219
	Ecosystems: Interactions, Energy, and Dynamics (9-12)	14	219
	Heredity: Inheritance and Variation of Traits (9-12)	17	219
	Biological Evolution: Unity and Diversity (9-12)	19	219
	Earth's Place in the Universe (9-12)	10	219
	Earth's Systems (9-12)	13	219
	Earth and Human Activity (9-12)	9	219

* Of the seven questions collected for the content strand, this column denotes an average of all responses.

Public Survey Responses by County

Adair	123
Andrew	7
Atchison	0
Audrain	1
Barry	3
Barton	1
Bates	3
Benton	0
Bollinger	28
Boone	24
Buchanan	4
Butler	9
Caldwell	16
Callaway	6
Camden	0
Cape Girardeau	63
Carroll	1
Carter	0
Cass	74
Cedar	1
Chariton	1
Christian	65
Clark	3
Clay	17
Clinton	13
Cole	4
Cooper	2
Crawford	4
Dade	2
Dallas	1
Daviess	0
Dekalb	2
Dent	2
Douglas	4
Dunklin	34
Franklin	32
Gasconade	2
Gentry	1
Greene	29
Grundy	5
Harrison	4
Henry	0
Hickory	2
Holt	0

Howard	0
Howell	6
Iron	1
Jackson	97
Jasper	49
Jefferson	6
Johnson	62
Knox	4
Laclede	4
Lafayette	3
Lawrence	29
Lewis	1
Lincoln	1
Linn	2
Livingston	4
Macon	9
Madison	2
Maries	0
Marion	2
McDonald	29
Mercer	0
Miller	3
Mississippi	0
Moniteau	0
Monroe	1
Montgomery	1
Morgan	0
New Madrid	5
Newton	10
Nodaway	3
Oregon	4
Osage	1
Ozark	0
Pemiscot	1
Perry	0
Pettis	1
Phelps	19
Pike	4
Platte	4
Polk	10
Pulaski	1
Putnam	0
Ralls	0
Randolph	1

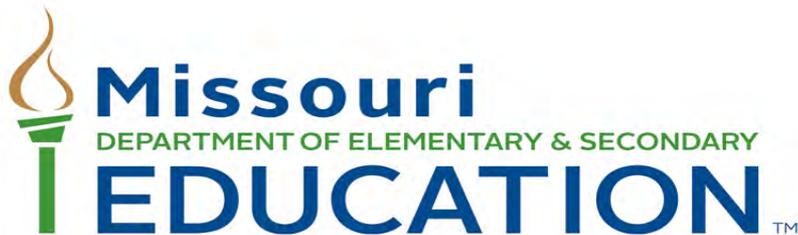
Ray	0
Reynolds	0
Ripley	0
Saint Charles	44
Saint Clair	0
Saint Francois	6
Saint Louis	35
Saint Louis City	4
Sainte Genevieve	11
Saline	5
Schuyler	0
Scotland	0
Scott	34
Shannon	0
Shelby	1
Stoddard	57
Stone	0
Sullivan	23
Taney	16
Texas	3
Vernon	0
Warren	12
Washington	3
Wayne	0
Webster	10
Worth	0
Wright	0

Missouri Learning Standards

Update

Presentation for
State Board of Education

January 12, 2016





Show-Me Standards

Knowledge

A foundation in reading, writing, mathematics, world and American history, forms of government, geography, science, health/physical education and the fine arts – should also be incorporated into courses in career and technical education and practical arts.

Performance

The ability of students to apply their knowledge and skills to the kinds of problems and decisions they will likely encounter after they graduate.

Missouri Learning Standards

Grade- and course-level expectations in:

- Agriculture and natural resources
- Business and information technology
- **English language arts**
- Fine arts
- Health/physical education
- Health services
- Human services
- Industrial and engineering technology
- **Mathematics**
- **Science**
- **Social studies**

HB 1490 Timeline

- **July 2014 – Bill signed into law - Section 160.526.1, RSMo**
- **Oct. 2014 – Work groups organized to develop and recommend academic performance standards**
- **Oct. 2015 – Work groups presented the proposed standards to State Board of Education. Last of three public hearings held**

Seeking feedback

The law specifies that the state board shall hold at least three public hearings to receive public testimony:

- Within 30 days of workgroups being convened (10/27/14)
- Approximately 6 months after the first hearing (4/20/15)
- When the work groups submit the academic performance standards they have developed to the state board (10/26/15)

Transcripts of the hearings, as well as speaker notes and comment cards are all posted on the DESE website.

Openness/Transparency

“Crosswalks” have been completed comparing the current Missouri Learning Standards and the standards proposed by the workgroups.

These are posted on the DESE website.

Seeking feedback

The law specifies that the state board shall:

- Solicit comments and feedback on the academic performance standards or learning standards from the **Joint Committee on Education**
 - Comment period was open Nov. 2 – Dec. 2, 2015.
 - Response from Committee received on Dec. 2, 2015 and is posted on the DESE website

Seeking feedback

The law also specifies that the state board shall:

- Solicit comments and feedback on the academic performance standards or learning standards from **academic researchers**
 - Comment period is open Nov. 2, 2015 – Jan. 13, 2016
 - Responses will be posted on the DESE website after comment period closes

Seeking feedback

Publicizing the “Academic Researcher” comment request:

- Oct. 2015 - Missouri Department of Higher Education was contacted with a request to publicize the solicitation of feedback from academic researchers
- Nov. 2015 - Missouri Department of Higher Education sent request for feedback to academic researchers via email
- Dec. 2015 - Missouri Department of Higher Education sent 2nd request for feedback to academic researchers via email

Seeking feedback

Going beyond what the law required:

- Goal was to be **inclusive, collaborative** and **transparent**
- Sought public comment by establishing:
 - an anonymous survey on DESE website
 - a HB 1490 Comments Email box
- Comment period was open from Nov. 2, 2015 – Dec. 2, 2015

Seeking feedback

Publicizing the “Open Comment Period”

- Advertised on Superintendents and DESE Bulletin List Serve (3,000+) – emailed weekly
- Posted on the DESE website and social media
- Also advertised through the following:
 - PTO List Serve, PTA List Serve
 - Public Information Offices at 266 school districts
 - Teacher Groups and Administrator Groups
 - Missouri State Chamber of Commerce

Seeking feedback

Public Comments gathered through anonymous survey

Respondents were asked to identify themselves as:

- Student
- Parent
- Community Member
- Educator
- Other

Respondents were asked to identify in which county they live

Seeking feedback

Public Comments gathered through anonymous survey

- Over 90% of comments came from educators
- Submitting the most responses were:
 1. Adair County (123)
 2. Jackson County (97)
 3. Cass County (74)
 4. Christian County (65)
 5. Cape Girardeau County (63)

Seeking feedback

Public comments gathered through anonymous survey

Subject areas receiving the most comments

1. Reading in Grades K-5
2. Writing in Grades K-5
3. Reading Foundations in Grades K-5
4. Language in Grades K-5
5. Writing and Research in Grades 6-12

In Progress

Review of the comments that have come in...to date...

- Curriculum Directors are looking at topics/suggestions/issues that have been identified through this process
- Waiting for academic researcher comments

Missouri Revised Statutes 160.526

In establishing, evaluating, modifying and revising the academic performance standards and learning standards and the statewide assessment system...the State Board of Education shall consider the work that has been done by:

- other states
- recognized regional and national experts
- professional education discipline-based associations
- other professional education associations
- the Department of Higher Education's curriculum alignment initiative
- any work in the public domain

Next Steps

- Jan. - Feb. - Curriculum Directors will complete the review of all comments provided through the public engagement process.
- February Board Meeting - Next Update
- March Board Meeting - Board to take action on standards

Contact Us

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