



SUPPORTING SCHOOLS AND STUDENTS TO ACHIEVE

SHERRI YBARRA, SUPERINTENDENT OF PUBLIC INSTRUCTION





Mastery Education: Coming Soon to a School Near You

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Mastery Education: Coming Soon to a School Near You

Introduction to Mastery Education

- What is Mastery Education?
- Where is mastery being implemented?
 - Nationally
 - Idaho
- How will it be implemented in Idaho?
- What is the timeline?



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What is Mastery Education?

A “system where a student’s progress is based upon the demonstration of mastery of competencies, not seat time or the age or grade level of the student.”

Idaho Code §33-1632 (5)(b)
HO 110



House Bill 110:

Moving toward a mastery-based model of education where students progress as they demonstrate mastery of a subject or grade level is in the best interest of Idaho students.

Mastery Education Model



1. Allows for more personalized and differentiated learning.
2. Creates a focus on explicit, measurable, transferable learning objectives that empower students.
3. Emphasizes competencies that include application and knowledge along with skill development.



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Shift in Instruction and Learning

Traditional Education vs **Mastery-Based Education**

WHAT DOES INSTRUCTION LOOK LIKE?



TEACH TO THE MIDDLE

VS

STUDENT CENTERED



HOW DO STUDENTS RECEIVE CREDIT?



PASSING GRADE

VS

MASTERY OF CONTENT



HOW DO STUDENTS PROGRESS?



AGE-BASED & SEAT-TIME

VS

UPON MASTERY



WHEN ARE STUDENTS ASSESSED?

JAN	FEB	MAR	APR
MAY	JUN	JUL	AUG
SEP	OCT	NOV	DEC

END OF YEAR

VS

WHEN READY

JAN	FEB ✓	MAR	APR
MAY ✓	JUN	JUL	AUG
SEP	OCT ✓	NOV	DEC ✓



Characteristics of Mastery Education

- A system of personalized, differentiated learning
- Advancement based on mastery of content, not time spent in the class
- Emphasizes a growth mindset for all students
- Assessments are on-going and formative in nature
- Teachers are facilitators of learning, rather than dispensers of knowledge
- Students are allowed increased ownership over their own learning



Task Force for Improving Education

Goal:

60% of Idahoans 25-34 attain a postsecondary degree/credential by 2020.



Guiding Principle:

Structural changes are required to achieve goal.



Strategy:

High Expectations



Recommendation:

Mastery-Based Learning



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Task Force Recommendations

The state shift to a system where **students advance based upon content mastery**, rather than seat time requirements.

Mastery should be measured against **high academic standards**.

Endorses the notion that the classroom of the future will include more technology **and more personalized/ differentiated learning**.

The classroom of the future precipitates a mastery-based model where the **focus is on outcomes, rather than inputs**.



The Strategy for Idaho

- 1** **Conduct a statewide awareness campaign** to promote understanding and interest in mastery-based education for teachers, administrators, parents, students, business leaders and policymakers.
- 2** **Establish a committee of educators** to identify roadblocks and possible solutions in implementing mastery-based education and develop recommendations for the incubator process.
- 3** **Facilitate the planning and development of an incubator process** and assessments of local education agencies to identify the initial cohort of 20 local education agencies to serve as incubators in fiscal year 2017.



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Mastery Education Committee

Committee Makeup

- Members (18) from each region (3 people from each region)
- Large district and small (Urban, rural)
- Teachers, Administrators/Superintendents, Other
 - Special education director, board member, curriculum specialist, research fellow,
- Elementary and Secondary
- Various subject areas – 3rd grade, ELL, ELA, math, science



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Where is Mastery Education Being Implemented?

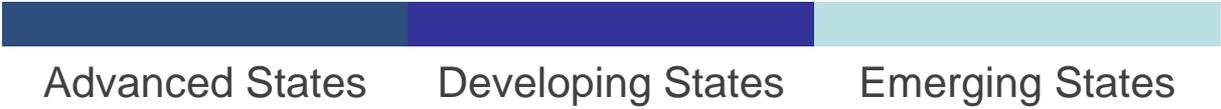
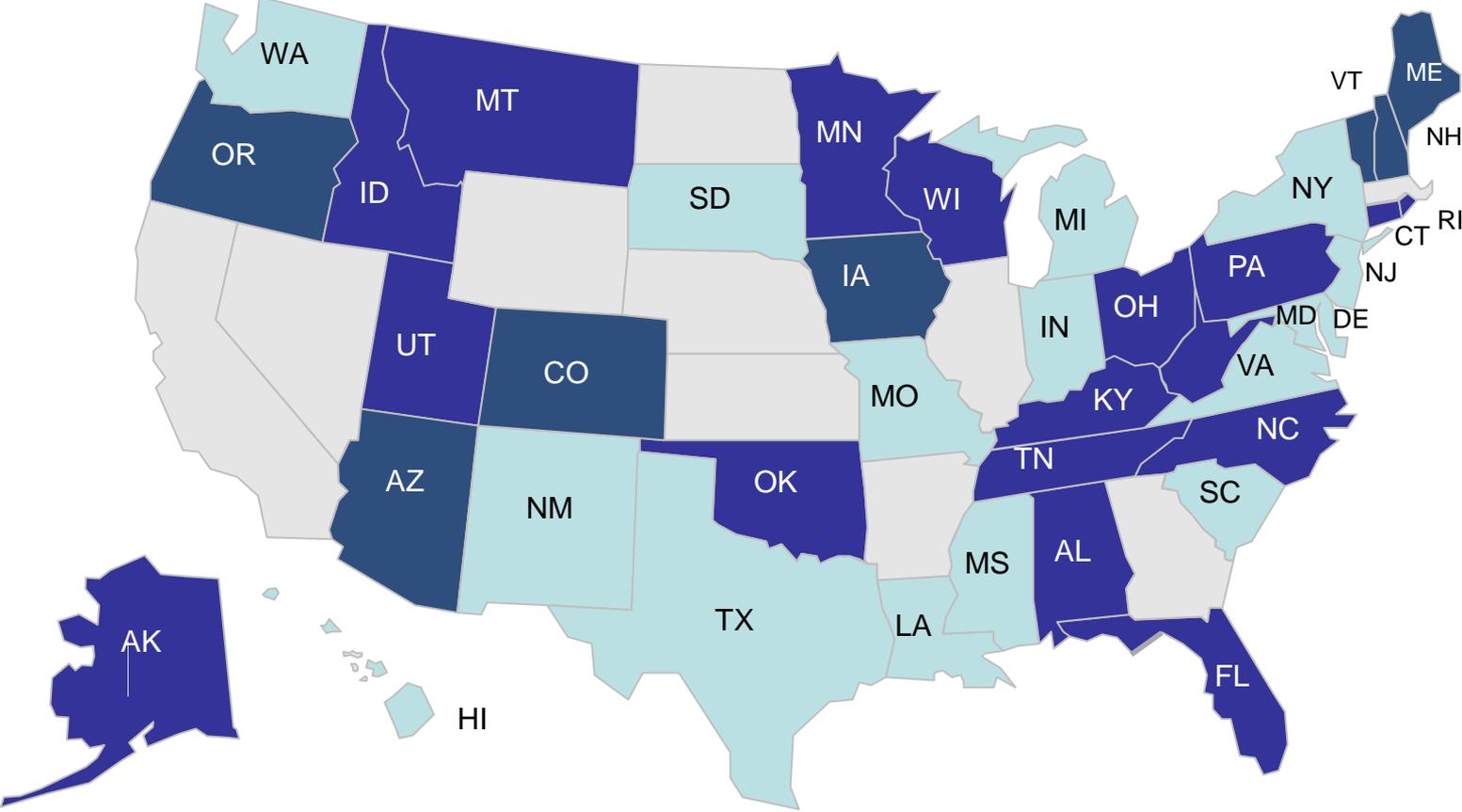


Nationally:

- Approximately 36 states including Idaho
- Alaska districts – 15+ years
- New Hampshire - mandate in 2005, abolish Carnegie units
- Colorado – embedded competency in grad requirements
- Maine – diploma indicates demonstration of proficiency starting in 2017

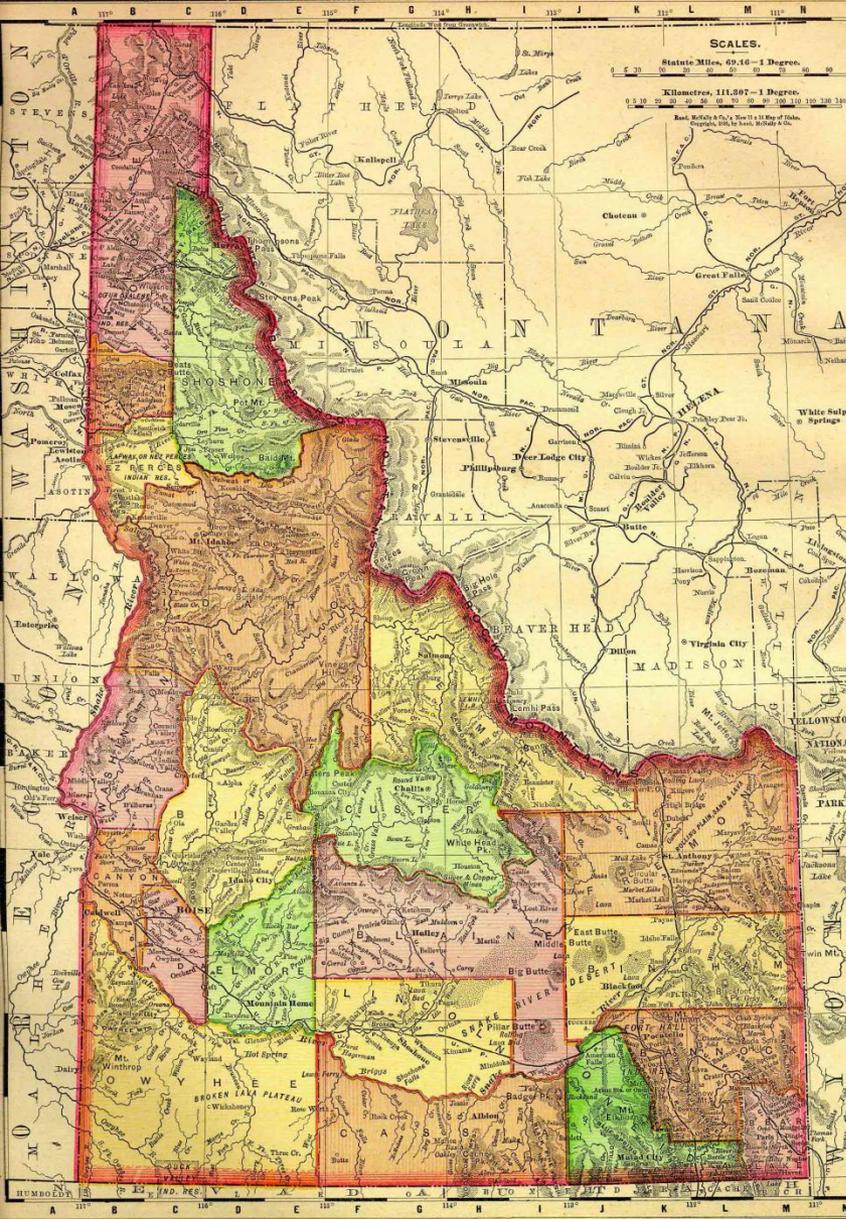


Mastery Education Across in the States



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Idaho

- Idaho City – John McFarland
- Silver Creek High School – Mike Glenn
- Meridian Technical Charter
- Kuna Middle School – Synergy Program
- Cottonwood – Medical PTE Program
- West Ada – Academies – Blended Learning
- American Butte Heritage – Blended Learning
- IDLA

1880 Map of Idaho





What is happening in your district and schools?



Discussion: What is happening in your district?

Possible practices:

- Standards based grading
- Level classes
- Flipped classrooms
- Standards based report cards
- Grading using rubrics
- Blended Learning 1 to 1
- Multi-age classrooms
- Mastery assessments for credit
- Mid-year advancement



How will it be implemented in Idaho?



- Committee recommendations
- Not required
- Idaho Mastery Education Network (IMEN)
 - Opportunity for schools/districts
 - Application process for funding
 - Support for professional development, planning, resources
 - Opportunity to work with other schools/districts implementing mastery programs



Awareness Campaign

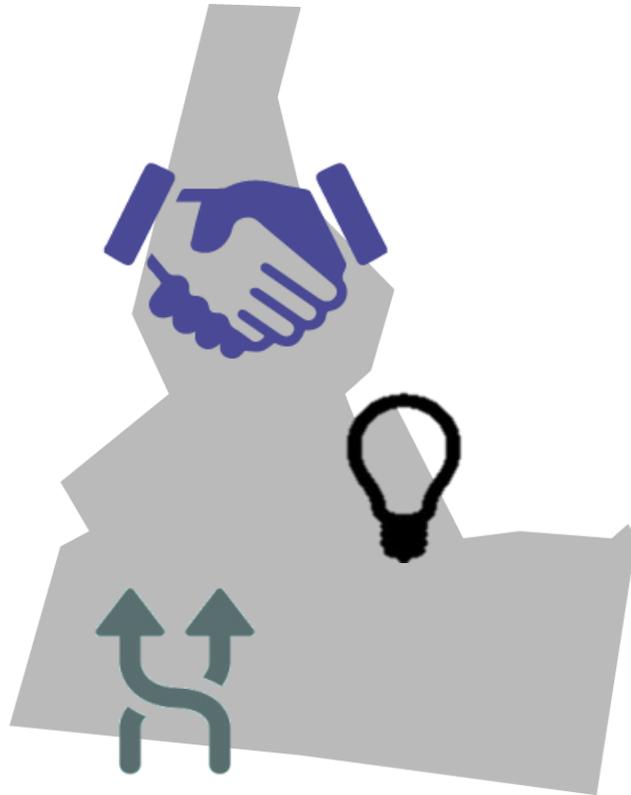
A public awareness campaign to promote understanding of Mastery Education in Idaho will consist of three parts:

1. Communicating with education leaders
2. Communicating with the broader community
3. Communicating the efforts and success of Idaho districts and schools that have already begun the transition to ME.



The Idaho Mastery Education Network (IMEN)

The network will be based on three core principles:



Commitment

Innovation

Flexibility



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Next Steps: Tentative Timeline

December 2015

Notice of
Intent Due

January 2015

Technical
Assistance for
Potential
Applicants

January - March 2016

Phase 1
Applications
and
Legislative
Report Due

May 2016

Initial
Cohort
Selected

June – July 2016

MBEN
Implementation
Begins



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What Resources are Available for Mastery Education?

Organizations – Education/Implementation Models

- Re-Inventing Schools Coalition (RISC)
- Big Picture Schools
- Expeditionary Learning

Materials –

- SDE website
- Book list
 - Drive, Switch
 - Mindset
 - Off the Clock
 - Formative Assessment & Standards Based Grading
- TED Talks
 - Carol Dweck
 - Angela Duckworth



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What Resources are Available for Mastery Education?

Websites

- [New England Secondary School Consortium](#)
Proficiency Based Learning
- [Great Schools Partnership](#)
 - State & Local Policies
 - Grading and Reporting
- [Re-Inventing Schools Coalition](#)



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Questions ????????

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