

Learner-Centered

Fulfilling the Promise of a Learner-Centered Education

Partnership for
21st Century Skills
June 8, 2009

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Commissioner of Education
Maine



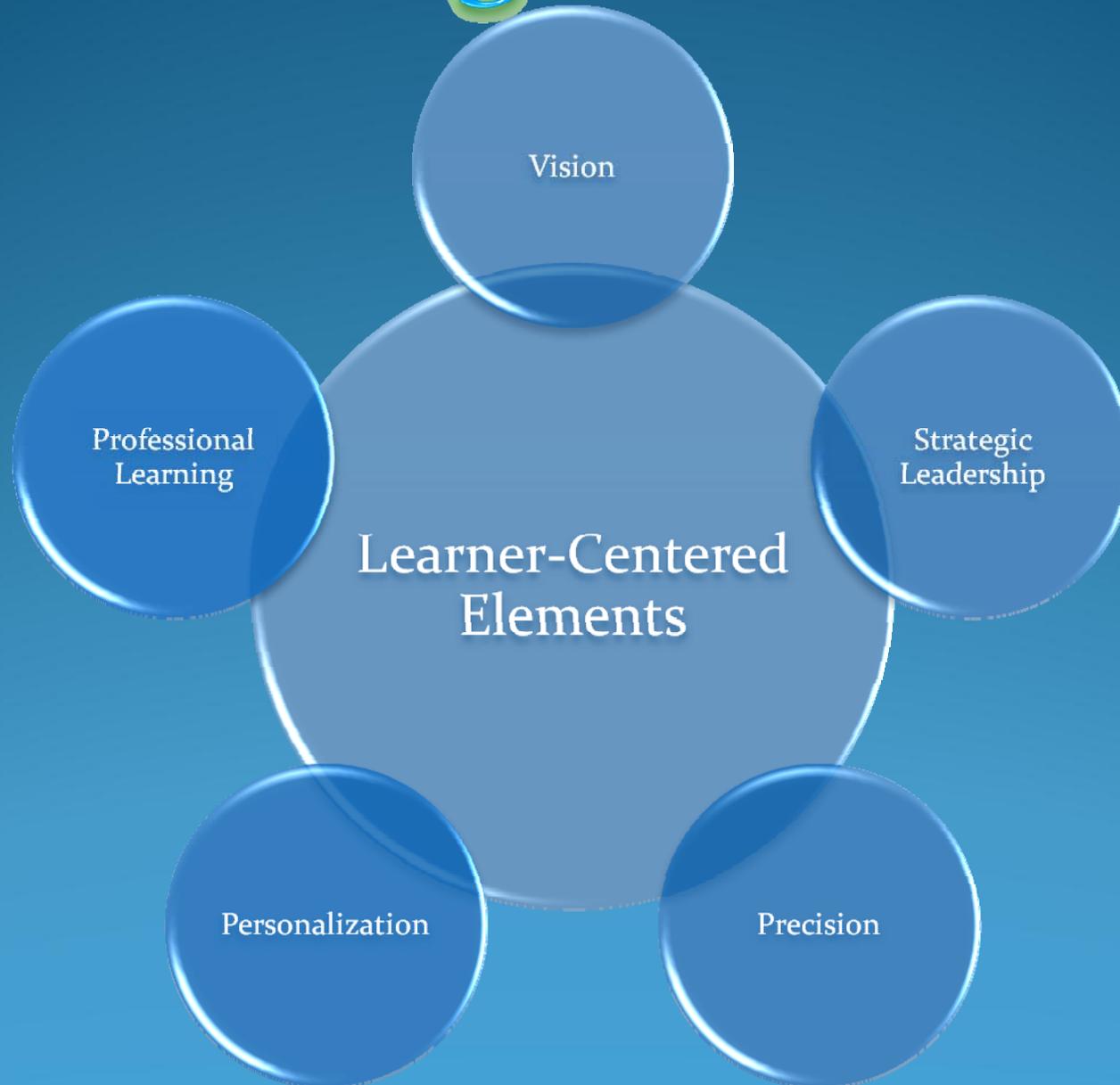
Maine Department of Education



Fulfilling the Promise



Fulfilling the Promise



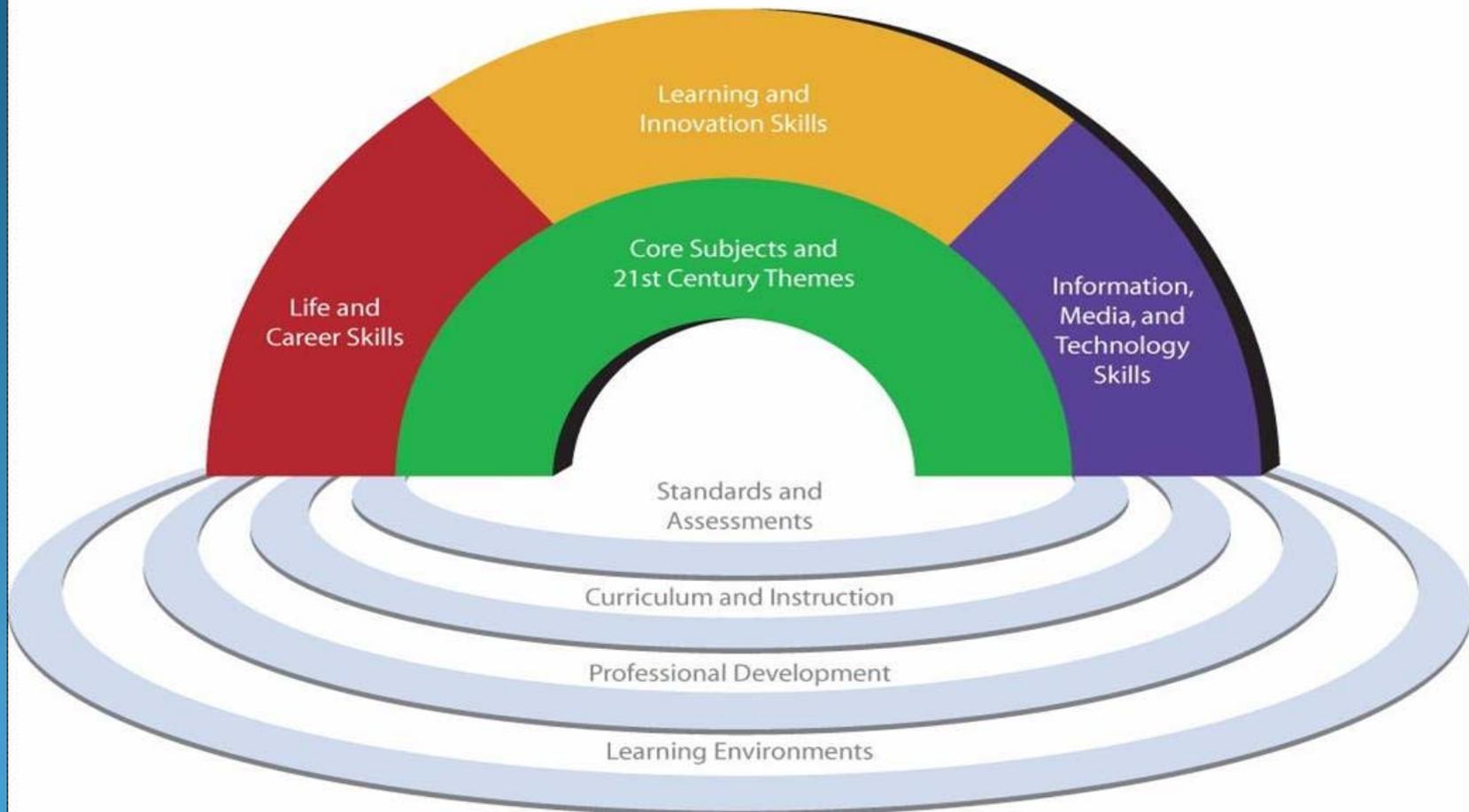
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Maine's Vision

All students will graduate
post-secondary, career, and
citizenship ready

Standards-Based System

21st Century Student Outcomes and Support Systems



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Standards Based System

Articulated in:

- Curriculum
- Syllabi
- Units
- Lesson

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Program of Study/Syllabus

- Provide clear guidelines on curricular and resource requirements that must be in place for secondary courses
- Analyze and adapt existing courses to focus upon critical knowledge and skills
- Create resources in existing and new courses that emphasize the habits of mind necessary for 21st century skills
- Courses use as their common reference point the knowledge and skills articulated in the Maine Learning *Results*
- Quality assurances through professional development and an external review process

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Standards Based System

Transparencies:

- Rubrics

Data:

- Learning the constant
- Time the variable

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Distinctions Between Standards-Based and Standards-Referenced Education Systems Developed by Dr. Robert J. Marzano

Standards-Based

System based on defined number of learning levels

Students advance through the system based on achievement of each level

Standards are used to guide curriculum and student progress is measured and used to determine advancement

Students advance through system at their own pace

Learning is the constant; time is the variable

Standards-Referenced

System based on traditional grade levels

Students advance through the system at the same pace as other students of the same age

Students will advance with varying levels of knowledge and skills

Standards are used to guide curriculum and measure student progress

Some promotion decisions may be made based on standards

Time is the constant; learning is variable

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21st Century
Standards

Precision

Articulated in

- Syllabi
- Units
- Lessons

Data

Standards-Based
System

Transparencies
(Rubrics)

Learning the constant
Time the variable



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Continuous Improvement

- Differentiation
- Capacity Building
- Educator Development
- Future Based
- Data



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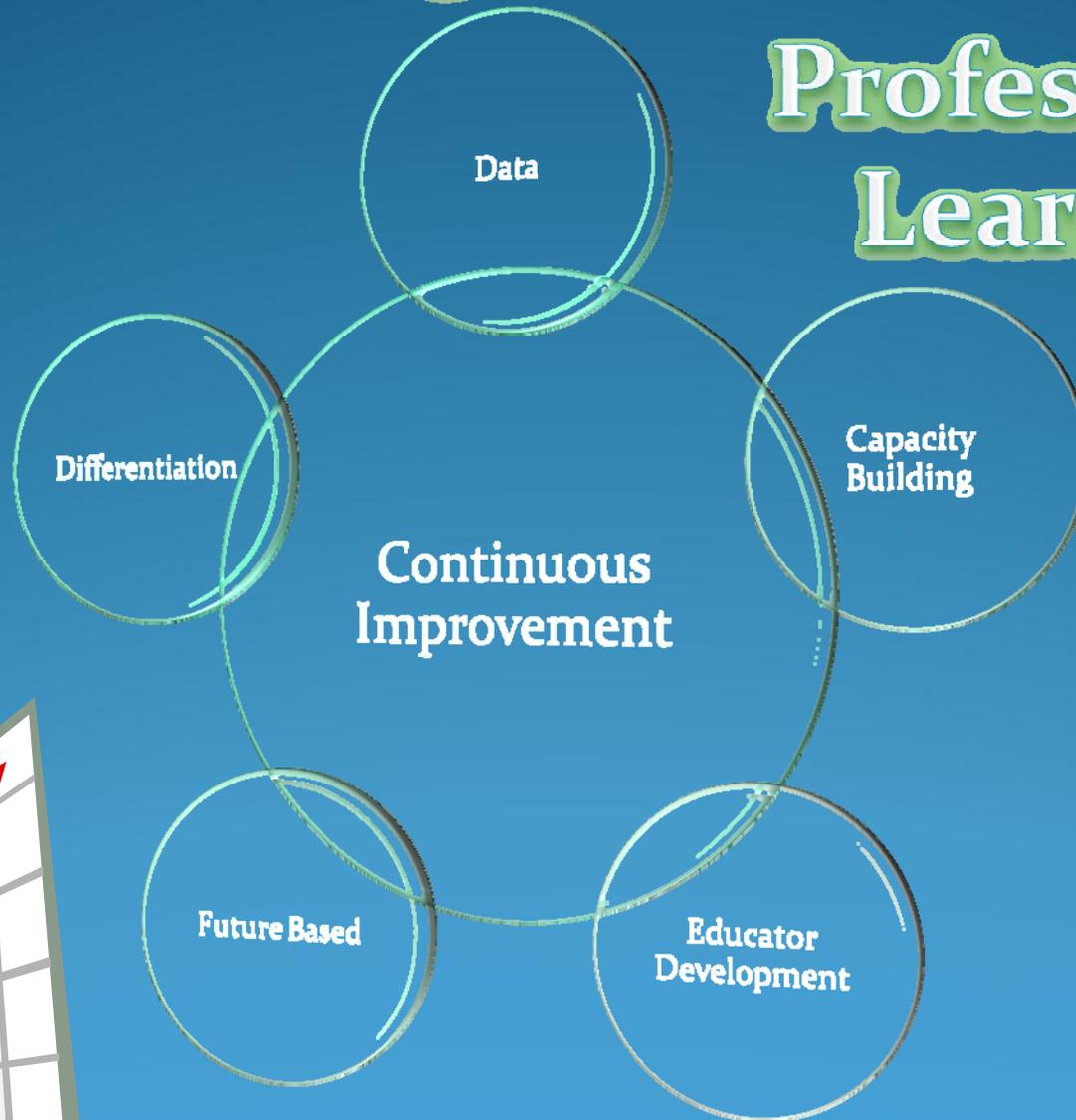


21st Century Teachers

- ✓ Use 21st century information, communication, technology skills, and resources to pursue personal and professional growth
- ✓ Work collaboratively to inquire, think critically, make informed decisions, and create new knowledge

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Professional Learning



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Personalization

- Learner Centered
- Interventions
- Tools for Success
- Multiple Pathways
- Data Driven



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Information, Media, and Technology Skills

Students and educators use technology to learn content and skills so that they know how to learn, think critically, solve problems, use information, communicate, innovate, and collaborate



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Personal Learning Plan

Every student has a personal learning plan that targets individual and common learning goals that will, throughout his or her school career, lead toward Maine's Guiding Principles and the goals are built around Maine's *Learning Results* content standards following a timeline for learning that is individualized

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Where....

- Assessment of progress
 - ✓ the process of learning and the assessment of progress be based on multiple measures, formative and summative, of varying types (large-scale, exhibitions, etc.)
 - ✓ no grade averaging in a standards based system
- Resources
 - ✓ after-school programs
 - ✓ maximize technology available for every student and educator and its use
 - ✓ professional learning communities
 - ✓ professional development
 - ✓ rubrics to establish shared expectations
 - ✓ ongoing connections between parents and school personnel

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Where....

➤ Time

- ✓ Learning governs the allocation of time, space, facilities, and services
 - consider changes in schedule for annual school year to allow extended learning throughout the year rather than only in the summer

- ✓ Timelines can be individualized

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Means of achieving pathway include traditional and non-traditional classrooms/settings, laboratories, career and technical education centers, adult education facilities, technology, business, community, and global resources

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Different Pathways for Different Students

Multiple Intelligences

- Learners possess different intelligences or ways of learning
 - ✓ Personalized pathways that learners may achieve the diploma requirements through a variety of contexts

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Different Pathways for Different Students

Personalize/Customized

- Personalized pathways are followed by learners to accomplish State educational standards while meeting individual learning plan goals based on student intelligences (ways of learning) and needs

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Pathways that incorporate:

- ✓ Preparation for success in the world of work
- ✓ Appreciation of visual and performing media
- ✓ Citizenship and community service
- ✓ Intra and Inter-Personal communication
- ✓ Manipulation of numbers and functions
- ✓ Proficiency in written and spoken communication
- ✓ Science and technology concepts
- ✓ Social history and structure

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Schools where...

- Intellectual coherence is clear
- Students grow intellectually each year
- Students are engaged in their learning
- Students can apply their learning in new situations
- The expectations are clear and known by all

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imagine

Precision

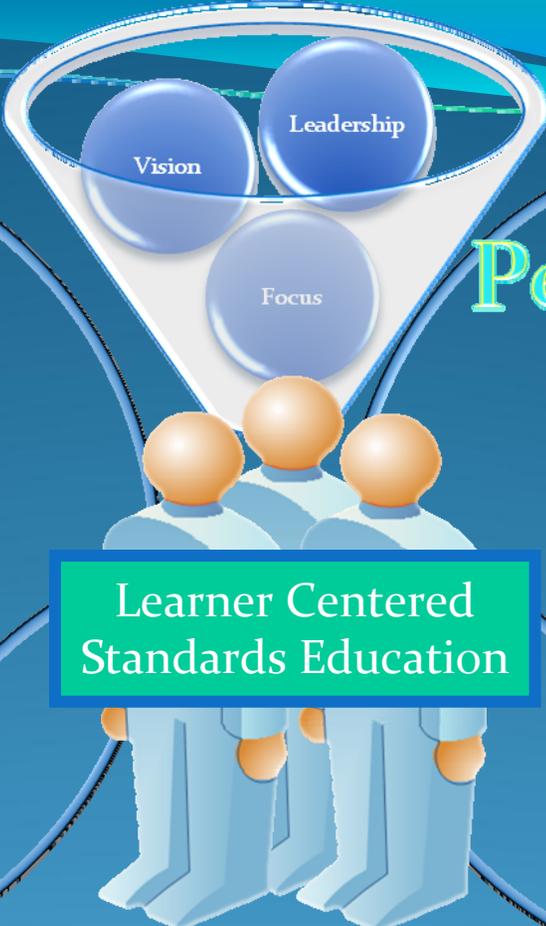
Standards Based

- Data
- 21st Century Standards
- Transparencies (Rubrics)
- Learning the constant; Time the variable
- Articulated in:
 - Syllabi
 - Units
 - Lessons

Personalization

Learner Centered

- Differentiation
- Future Oriented
- Tools for Success 1:1
- Multiple Pathways & Measures
- Interventions - Frequent & Relevant
- Transparency - Rubrics & Scoring Guides



Learner Centered Standards Education

Professional Learning

Continuous Improvement

- Data
- Future Based
- Differentiation
- Capacity Building
- Educator Development