



Implementing the Common Core State Standards and Next Generation Science Standards

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Leadership for the Common Core

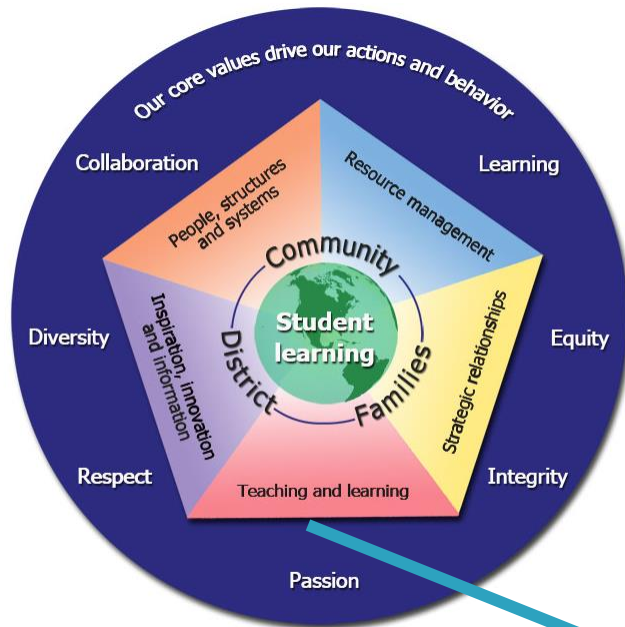


Mission:

Inspire, educate, and prepare each student to achieve to high standards, contribute to our community, and thrive in a global society.

Vision:

Our students will lead and shape the future.



Teaching and learning: ✖

Align curriculum, instruction, and assessment to educate, inspire, and prepare each student to graduate, to contribute to our community, and thrive in a global society.

Strategic goals:

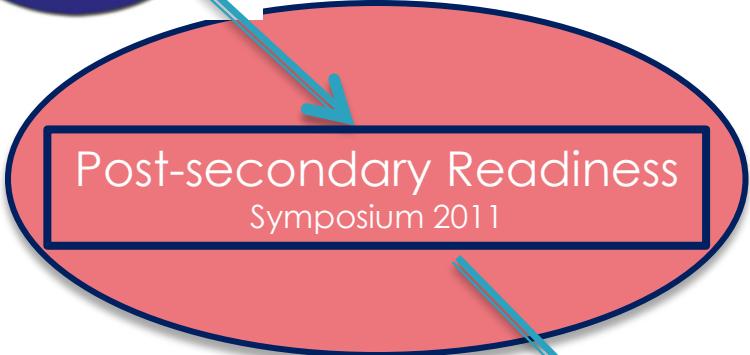
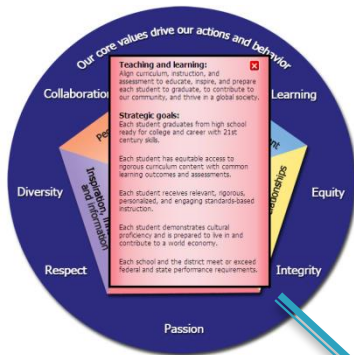
Each student graduates from high school ready for college and career with 21st century skills.

Each student has equitable access to rigorous curriculum content with common learning outcomes and assessments.

Each student receives relevant, rigorous, personalized, and engaging standards-based instruction.

Each student demonstrates cultural proficiency and is prepared to live in and contribute to a world economy.

Each school and the district meet or exceed federal and state performance requirements.



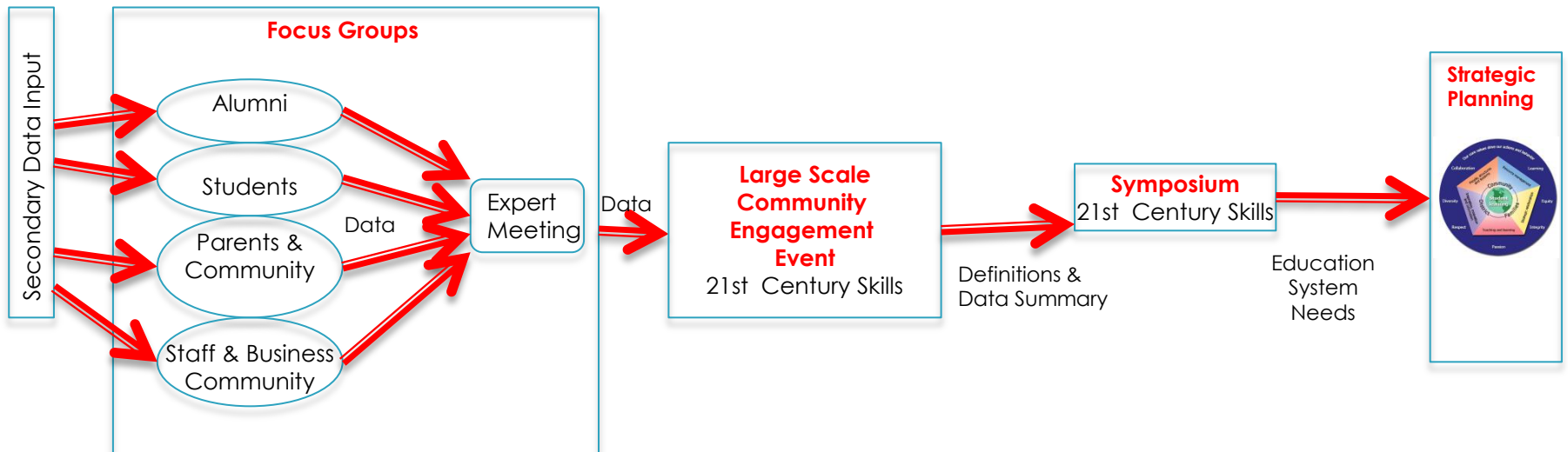
Everett Public Schools Learning for Life: 21st Century Skills Process Overview

Data Gathering

Data Synthesis

Application

Integration



What skills, attitudes, attributes, and aspirations are most important to the success of students in the future?



Everyone agreed...

- ▶ Critical thinking and problem solving
- ▶ Collaboration and teamwork
- ▶ Adaptability and flexibility
- ▶ Self-directed learning
- ▶ Communication

Some agreed...

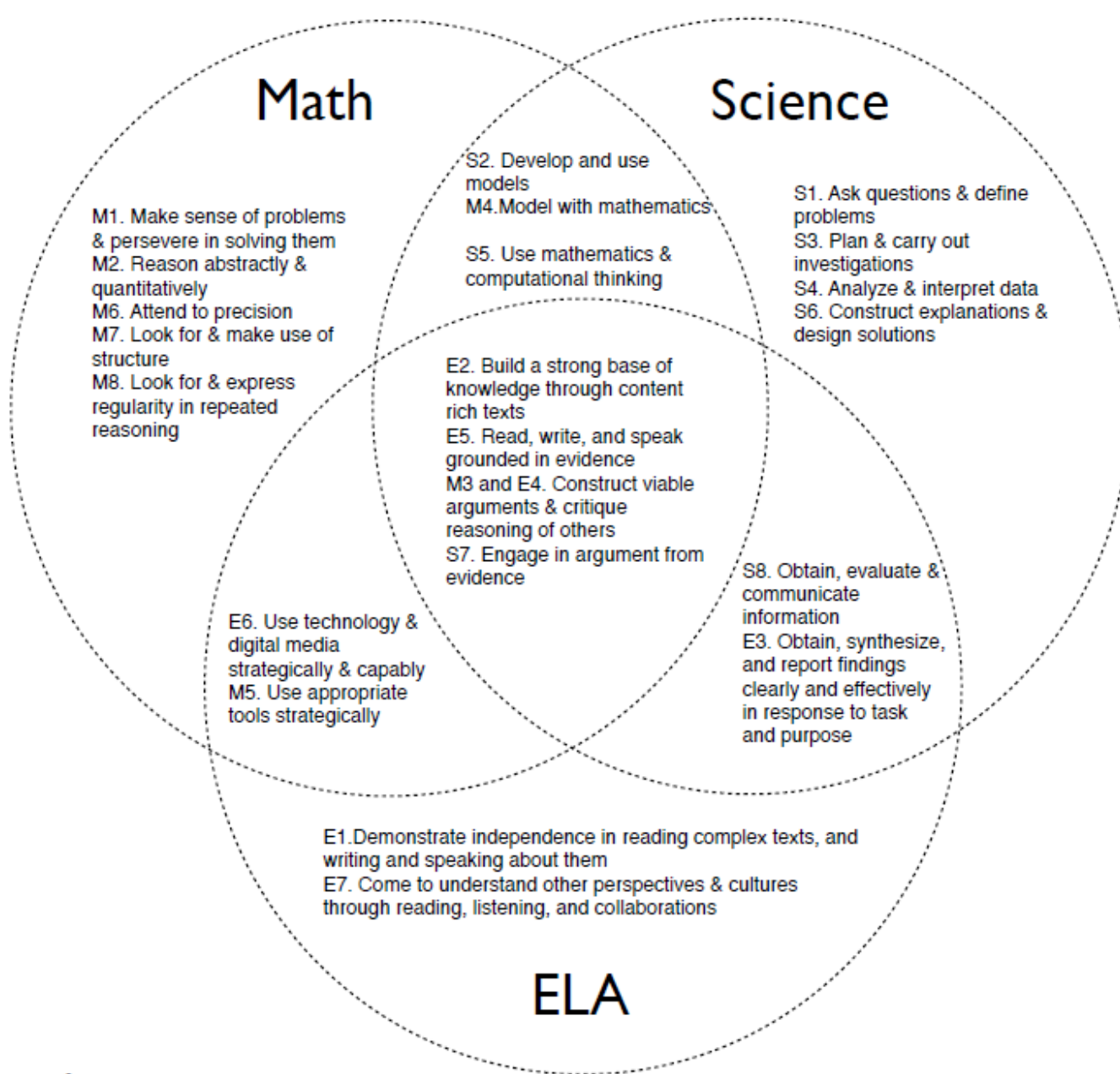
	Students	Business & Post-secondary	Parents & Staff	Experts
Technical Skills		X	X	X
Cultural Proficiency		X	X	X
Self-sufficiency	X			X
Self-motivation	X			X
Persistence	X			X
Emotional Intelligence		X		X
Core Academic Skills		X		X
Passion			X	X
Risk-taking				X
Courage				X

Large Scale Community Event

A successful 21st century Everett Public Schools graduate is:

- ▶ Globally informed and civically conscious
- ▶ Systems thinker
- ▶ Culturally competent
- ▶ Creative problem solver with strong critical thinking skills
- ▶ Resilient, flexible, and adaptable
- ▶ Collaborative team member with strong communication skills
- ▶ Passionate about life-long learning
- ▶ Curious and innovative
- ▶ Willing to take risks and seek out resources
- ▶ Self-directed, self-motivated, and self-advocating learner
- ▶ Emotionally intelligent
- ▶ Leadership abilities
- ▶ Academic Skills
- ▶ Embraces challenges as opportunities for learning and growth, with confidence and hope

21st Century Skills 4 C's	EPS Community	CCSS College and Career Readiness Standards
Critical Thinking	X	Self-directed learning
	X	Content knowledge
	X	Value evidence
	X	Comprehend and critique
Collaboration	X	Understand other perspectives and cultures
Communication	X	Adapt communications
Creativity	X	Use technology and media strategically



Sources:

Common Core State Standards for English Language Arts & Literacy[®] in History/Social Studies, Science, and Technical Subjects, p7.

Common Core State Standards for Mathematical Practice p6-8.

A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas, ES-3 and chapter 3: 1-32.

CCSS/NGSS Implementation

Advantages:

- Strategic Plan with clear expectations
- 8 Step Process
- STEM development
- Data rich system
- PD focus on rigor
- Strong connection to post-secondary and business

Challenges:

- Resources limitations:
 - Human
 - Fiscal
 - Time
- Demands on elementary teachers
- Competing and overlapping priorities
- Curriculum resource alignment lag
- People opposed to Common Core

Approach

- ▶ Awareness
- ▶ Gap Analysis
- ▶ Training
- ▶ Adoption of Aligned Materials
- ▶ Proficiency scaling standards
- ▶ Aligning formative and summative assessments
- ▶ State Assessment Implementation
- ▶ Technology Integration

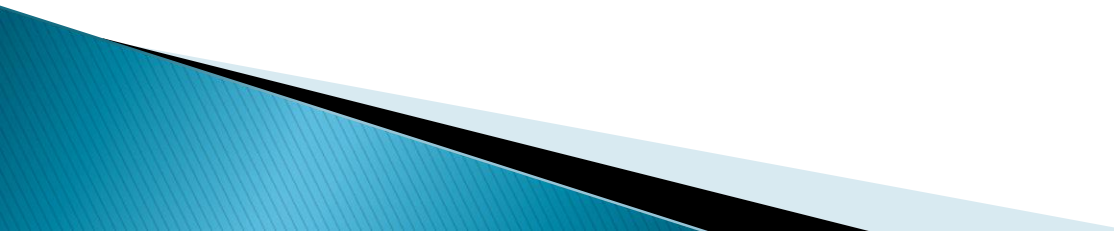
Considerations

- ▶ Communication to staff, students and parents
- ▶ College and Career Readiness
- ▶ Smarter Balanced Assessments
- ▶ Core to College Policy
- ▶ Assessing for College and Career Readiness
- ▶ Assessing for 21st century skills

Timeline and Action Plan

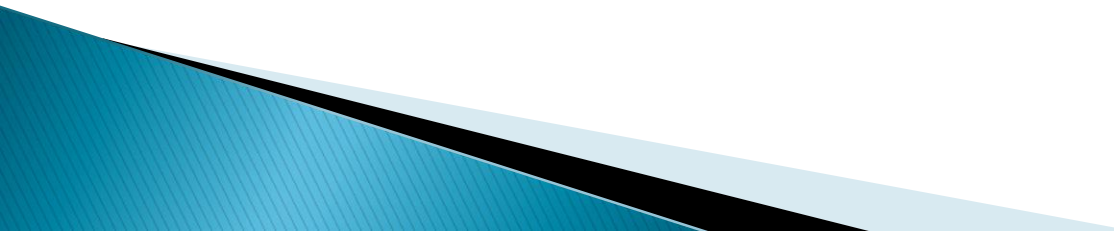
Sample Process of Implementation and Adoption: Math

Preparation for Adoption

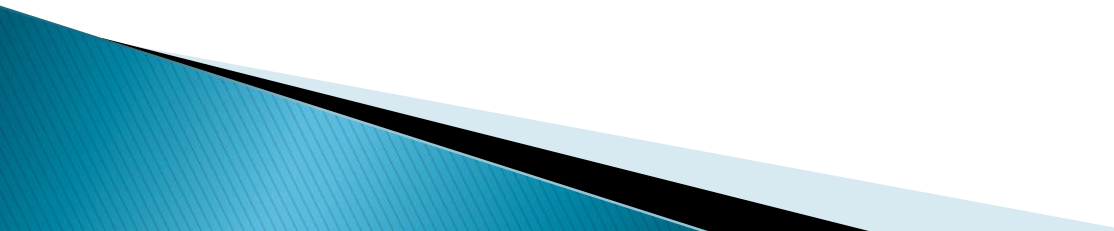
- ▶ District Math Review
 - ▶ GAP Analysis by OSPI
 - ▶ Alignment with College Readiness Standards, Washington State Performance Expectations, Common Core State Standards in partnership with Everett Community College
 - ▶ Implementation of College Math Placement Test in partnership with Everett Community College
 - ▶ On-going alignment efforts
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Process: Grades 6-8

Algebra I, Geometry & Algebra II

- ▶ Training and preparation of Math Adoption Team (MAT) in Common Core Standards, best practices in instruction and assessment, mathematical practices and learning research
 - ▶ Initial screening for alignment, bias and special populations by representatives from the Math Leadership Team (MLT) and MAT of all texts
 - ▶ Narrowing selections based on alignment
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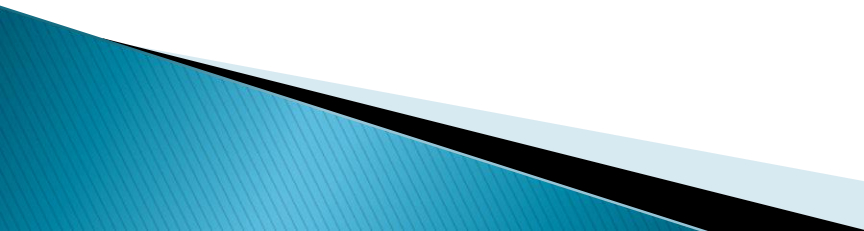
Process: Continued

- ▶ Lesson testing
 - Lessons selected from each textbook
 - 5-6 teachers at each grade level conducted tests for each publisher
 - Included teachers beyond the Math Adoption Team to get wider feedback
 - Written feedback was provided to the MAT for each lesson tested from staff and students
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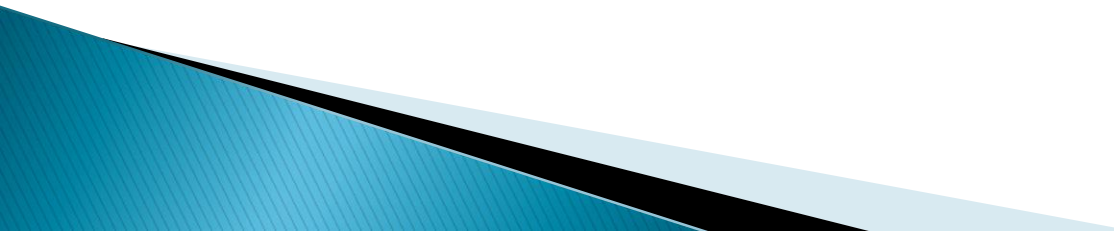
Process: Continued

- ▶ Math Adoption Open House Events
 - Parents, Staff and Community Members gave written feedback to the MAT
- ▶ Presentations by Consultants
 - Prescribed presentation format
 - Common scoring guide
 - Fixed time format

Next Steps

- ▶ Review feedback from staff, parents and community members
 - Screening
 - Lesson testing
 - Feedback from parents, staff and community
 - Consultant presentations
 - ▶ Presentation to Math Leadership Team
 - ▶ Presentation to Instructional Materials Committee for review
 - ▶ Recommendation to Superintendent and Board of Directors
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Next Steps: continued

- ▶ Implementation Plan
 - Review and revise instructional calendars to align with Common Core Standards in Mathematics and newly adopted materials
 - Professional development in Common Core Standards
 - Professional development in effective use of instructional materials to support student learning
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Next Steps

- ▶ Curriculum Team development of:
 - Goals for students, staff, parents and administrators
 - Communication plan
 - Collaborative implementation of technology integration strategies
 - Assessment implementation

Questions?