



Revision and Implementation of the New ELA and Mathematics Standards

February 2016 Board of Regents
Meeting



New York State
EDUCATION DEPARTMENT
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Knowledge > Skill > Opportunity

Best Practices



New York Learning Standards are a living set of expectations designed to meet the ever-changing needs of our students and to ensure their success in postsecondary education and in the workplace.

Best Practices



- Policy provides for a regular review of standards to ensure that they meet these goals.
 - The Board of Regents adopted the P-12 Common Core Learning Standards in ELA and Mathematics in 2011
 - Continual improvement of learning standards is best practice, and has been codified in Section 305 of Education Law subdivisions 53 and 54
 - NYSED has engaged numerous stakeholders through the AimHighNY survey to provide feedback on ELA and Mathematics Standards and is undergoing a review and revision process
 - NYSED is undergoing a process to review of Science and Arts Standards

AIMHighNY



- Survey was available from mid-October until November 30th, 2015
- 64,142 people visited the survey
- Over 15,000 respondents provided feedback
- We received 246,771 points of feedback from 10,532 users

AIMHighNY



- Average points of feedback per user: 23
- Number of users with Math feedback: 4,021
- Number of users with ELA feedback: 7,895
- More than 70 percent of feedback was supportive in nature; approximately 29 percent was in disagreement



Content Advisory Panel Reviews

- NYSED's Content Advisory Panels (CAPs) in ELA and math conducted initial reviews of the AimHighNY data, identified trends and made recommendations for possible revisions and guidance

Math CAP Membership



- Classroom Teachers
 - Elementary
 - Middle School
 - High School
- School Administrators
 - School Principal
 - District Superintendent
- Higher Education
 - CUNY Professor
 - SUNY Professor
 - Community College Professor
 - Private College Professor
- Professional Organizations
 - NYS United Teachers (NYSUT)
 - Assoc. of Math Teachers of NYS (AMTNYS)
 - NYS Assoc. of Math Supervisors (NYSAMS)
- Representing:
 - Long Island
 - Central NY
 - New York City
 - North Country
 - Western NY
 - Southern Tier
 - Hudson Valley

ELA CAP Membership



- Classroom Teachers
 - Elementary
 - Middle School
 - High School
- School Administrators
 - School Principal
 - District Superintendent
- Higher Education
 - CUNY Professor
 - SUNY Professor
 - Private College Professor
- Professional Organizations
 - NYS United Teachers (NYSUT)
 - NYS Reading Association
 - NYS English Council
- Representing:
 - Long Island
 - Central NY
 - New York City
 - Rochester
 - Western NY
 - Southern Tier
 - North Country
 - Hudson Valley



Content Advisory Panel Initial Review of Survey Data for Math and English Language Arts Standards



Survey Trends for Math

Grades PK-4

- Respondents needed more clarification on what is meant by solving multi-step problems and are these standards grade-level appropriate (Operations and Algebraic Thinking domain).
- Clarification needed with respect to strategies, algorithms, written methods and standard algorithms in grades P-6.



Survey Trends for Math

Grades 5-8

- Starting in grade 6, standards from the Statistics and Probability domain might not be grade-level appropriate and should be re-examined.
- Standards 7.G.2 and 7.G.3 could be moved to Geometry at the high school level.



Survey Trends for Math

High School

- The standards document needs to be organized by high school course, so as to eliminate confusion over which standards are taught/shared in Algebra I and Algebra II, as well as Geometry.
- There is confusion over the (+) standards in terms of when and where they should be taught.

AIMHighNY

Math CAP Review



- Include clarifications within the standards document to give more specificity to the intent of the standards
- Define terminology within certain standards
- Create a set of sample tasks for standards or clusters of standards to further clarify and show limitations of particular standards
- Provide more professional development around the standards (especially for the Mathematical Practices)
- Provide more resources for parents



Survey Trends for ELA PK-3

- Developmental Appropriateness – Some comments focused on appropriateness in the early grades
 - “Ask and answer about details in a text”
 - “Use frequently occurring prepositions (e.g., during, beyond, toward).”



Survey Trends for ELA

- Clarify organization of and terms in the standards
 - “prompting and support”
 - “demonstrate understanding”
 - “text complexity”
 - Questions about how grade level ELA standards work with the anchor standards

AIMHighNY

ELA CAP Review



- Review standards with special attention to:
 - Content
 - Appropriateness
 - How standards work across grade levels
- Clarify the standards themselves and the performance expectations of the standards at various grade levels
- Evaluate text complexity requirements at each grade level
- Develop resources to support standards interpretation and implementation

Proposed Revision and Implementation Strategy*



Timeframe	Task
December – February 2016	Department and educator workgroups analyze AimHighNY results.
March - July 2016	Phase 1: Standards Review Committees
July - October 2016	Phase 2: Public Comment
October – November 2016	Phase 3: Final Standards Revisions
November – December 2016	Phase 4: Consideration by the Board
Beginning January 2017	Phase 5: Curriculum Revisions Occur Throughout the State
Begins Summer 2017	Phase 6: Professional Development and Initial Implementation of New/Revised Standards
School Year 2018-19	Phase 7: First Year of Revised Grade 3-8 ELA and Mathematics Assessments

* As proposed to the Board of Regents on 2/22/2016. Note that this timeline is incumbent on receiving funding to support this revision and implementation.

Standards Review



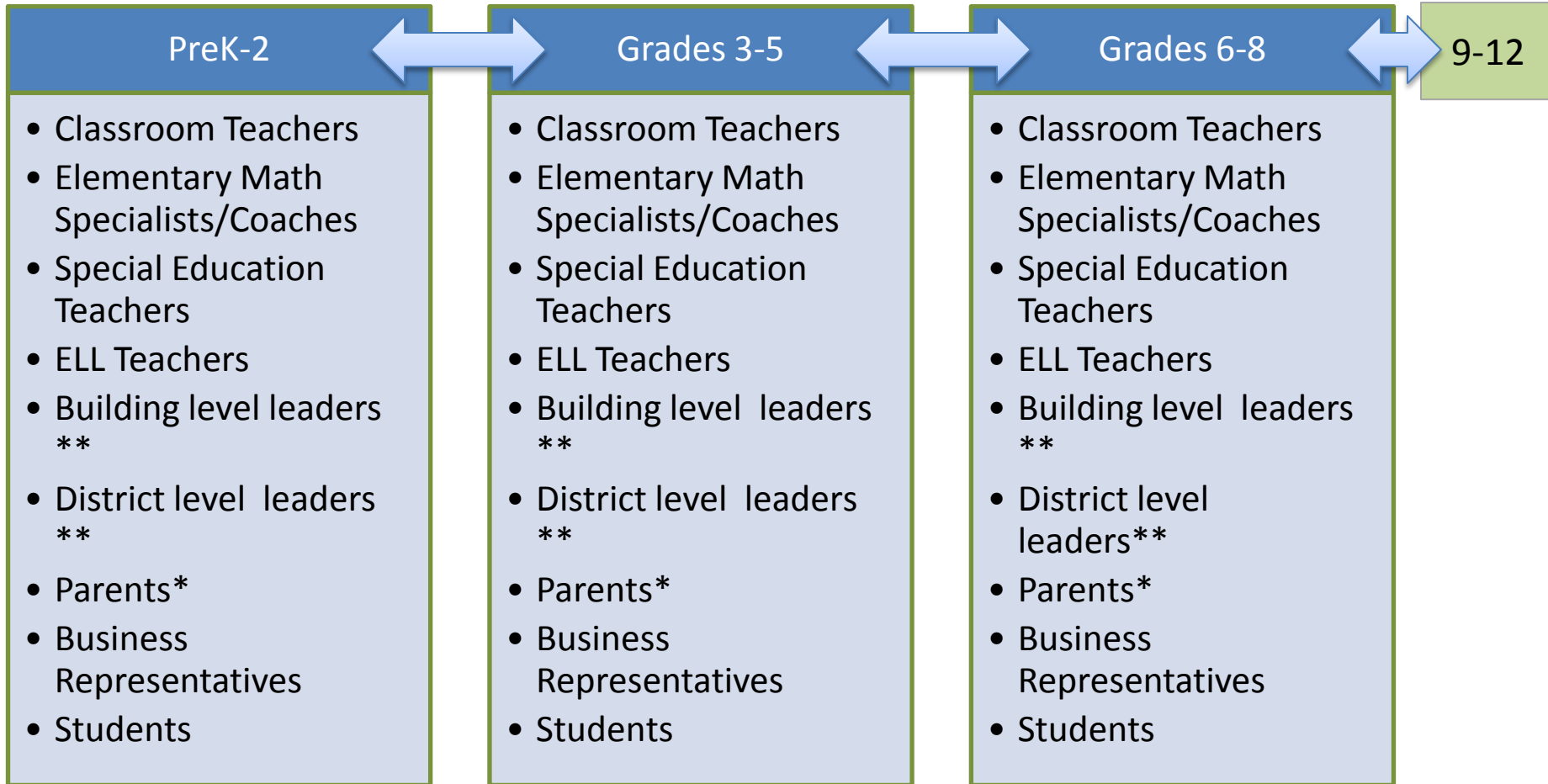
- **Phase 1: Standards Review Committees**
 - NYSED will create committees of stakeholders (one for ELA and one for math)
 - Committees will review AIMHighNY results, recommendations and guidance from Content Advisory Panels and stakeholder groups
 - Committees organized by grade band will review each standard and make recommendations for revisions

Standards Review



- **Phase 1: Standards Review Committee Recruitment – March 2016**
 - Online application available on AIMHighNY website <http://www.nysed.gov/aimhighny>
 - Interested educators will be asked to fill out an application form that highlights their qualifications
 - Provide a resume and letter of recommendation

Math Standards Review Committee



Math Standards Review Committee



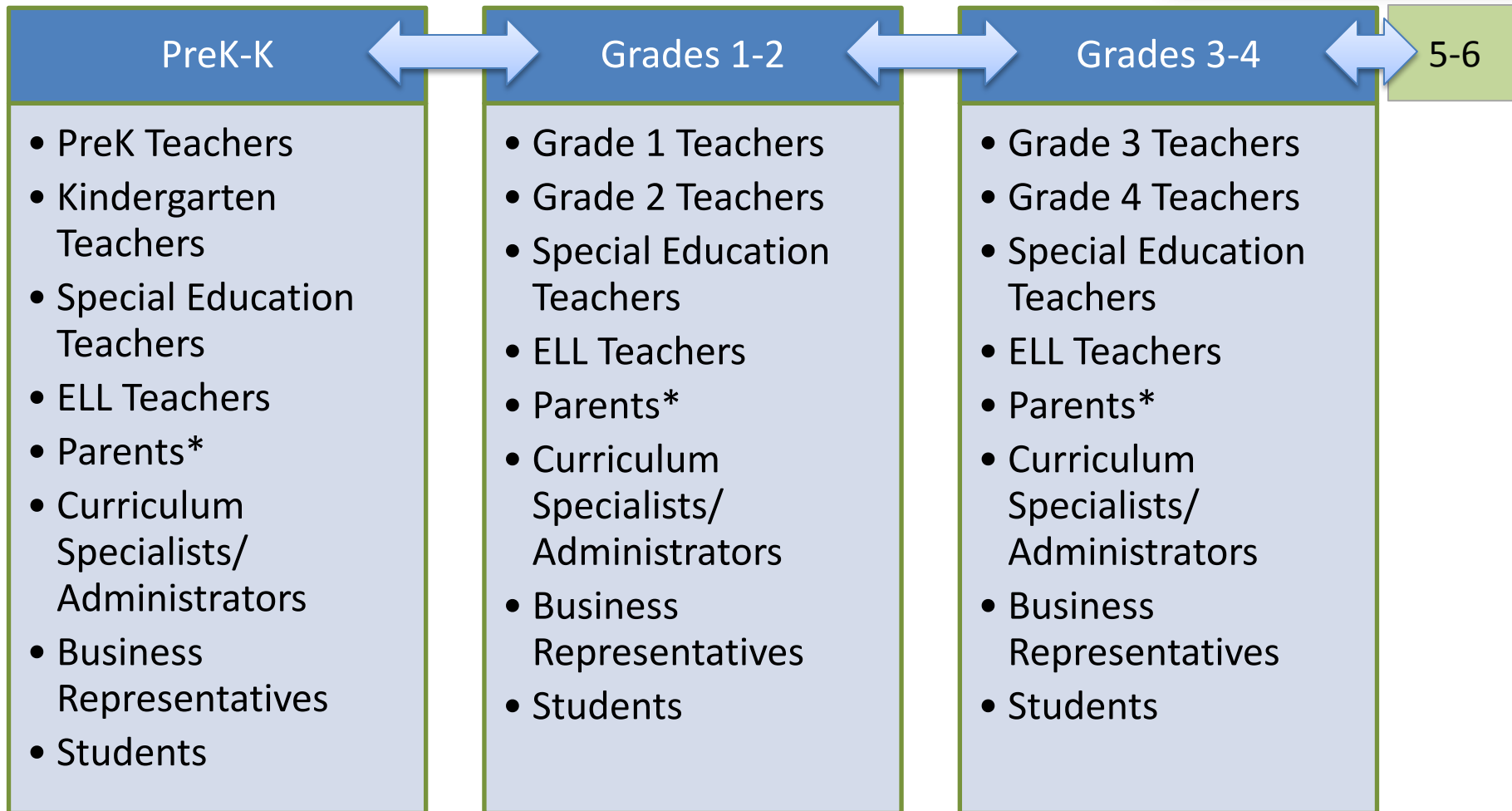
6-8



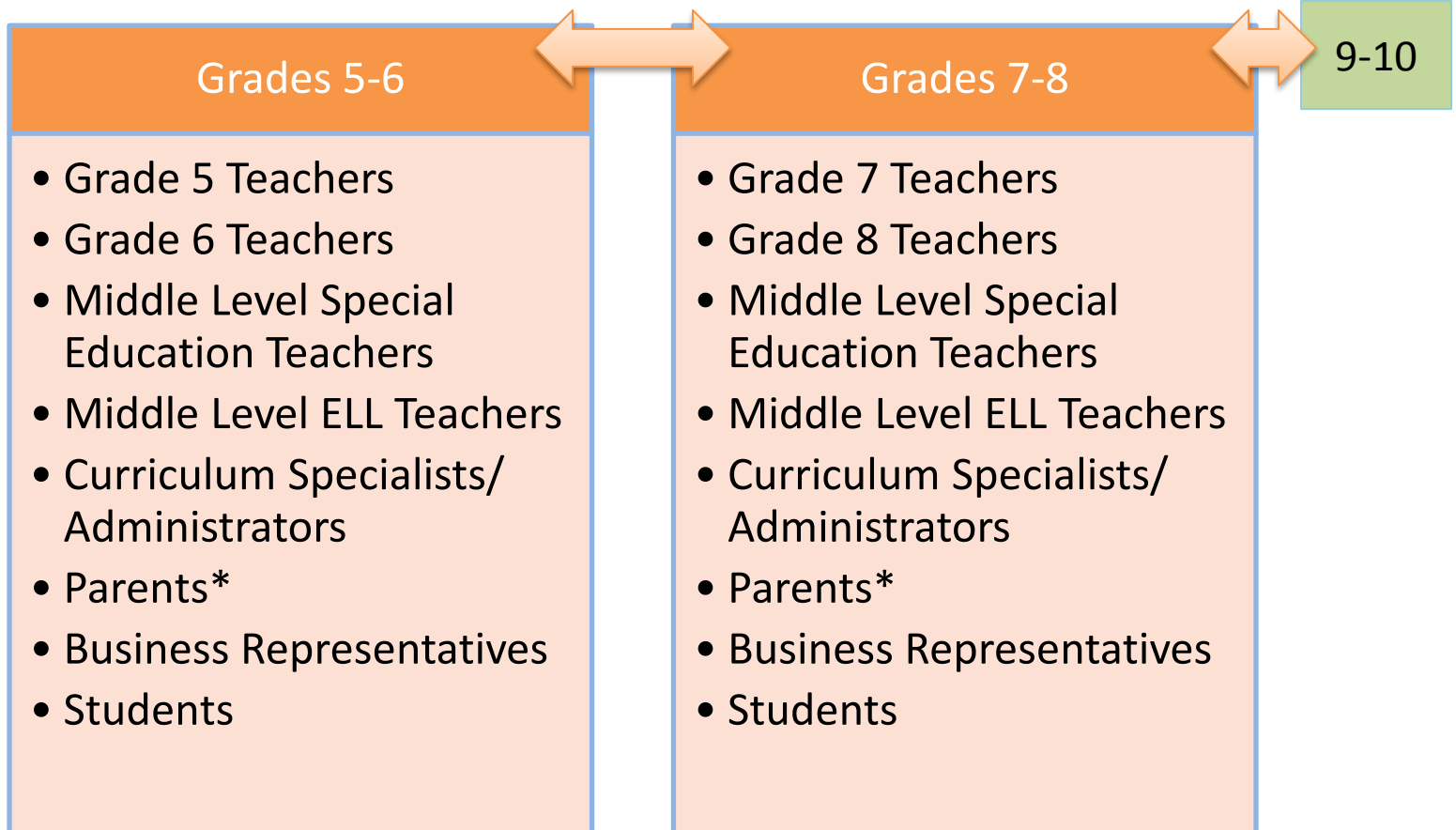
Grades 9-12

- Classroom Teachers (by course: Algebra I CC, Geo CC, Algebra II CC
- Pre-calculus classroom teachers
- AP Statistics classroom teachers
- Math Specialists/Coaches
- ELL/Bilingual Teachers
- Higher Ed Math Content Specialists
- Special Education teachers
- Building Level Leaders **
- District Level Leaders **
- Parents*
- Business Representatives
- Students

ELA Standards Review Committee



ELA Standards Review Committee



ELA Standards Review Committee



7-8

Grades 9-10

Grades 11-12

- Grade 9 Teachers
- Grade 10 Teachers
- High School Special Education Teachers
- High School ELL Teachers
- Curriculum Specialists/ Administrators
- School Librarians
- Parents
- Business Representatives
- Students

- Grade 11 Teachers
- Grade 12 Teachers
- High School Special Education Teachers
- High School ELL Teachers
- Curriculum Specialists/ Administrators
- Higher Education Specialist in Field
- Parents
- Business Representatives
- Students

Standards Review



- **Phase 2: Public Comment**

- After the Standards Review Committee shares recommendations, drafts of revised standards will be posted for public comment on the AIMHighNY website
- Feedback will be collected via survey and direct engagement with stakeholder groups

Standards Review



- **Phase 2: Public Comment**

- NYSED will provide materials to help facilitate local dialogue and additional feedback available on the AIMHighNY website
 - Guiding questions
 - Feedback form
 - Draft revised standards
- Encourage stakeholder groups to provide an opportunity for discussion. For example, BOCES, PTA, NYSCOSS, NYSSBA, NYSUT, etc. may conduct regional focus groups on the new proposed standards.
- An AIMHighNY mailbox will be available for ongoing questions and comments

Standards Review



- **Phase 3: Final Standards Revisions**
 - The Standards Review Committees and Content Advisory Panels will meet to consider further revisions based on feedback from stakeholders and identify resources to be developed to assist educators and parents in the implementation of the revised learning standards in ELA and math

Standards Review



- **Phase 4: Consideration by the Board**
 - Proposed standards will be brought to the Board for consideration at the November 2016 meeting

Stakeholder Involvement



Educators

- AIMHigh NY survey
- Standards Review Committee
- Public Comment (revised standards)
- AIMHigh NY mailbox
- Content Advisory Panels
- Regional Forums



Educators

Community

- AIMHigh NY survey
- Public Comment (revised standards)
- AIMHigh NY mailbox
- Regional Forums mailbox
- Regional Forums
- Regional Forums

Parents

- AIMHigh NY survey
- Standards Review Committee
- Public Comment (revised standards)
- AIMHigh NY mailbox
- Regional Forums

Community

- AIMHigh NY survey
- Public Comment (revised standards)
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Preparation for Implementation



- **Phase 5: Curriculum Revisions Occur Throughout the State**
 - Beginning in January 2017, local districts and the Department will begin to revise existing curricular materials and create new materials
 - NYSED will provide guidance and support through additional resources to highlight changes in the standards

Preparation for Implementation



- **Phase 6: Professional Development and Initial Implementation of New Standards**
 - Beginning in Summer 2017, time will be set aside to allow educators to receive professional development and practice with the new standards
 - Explore options for statewide/regional training
 - Guidance on new assessments will be released during the 2017-18 school year

New Assessments



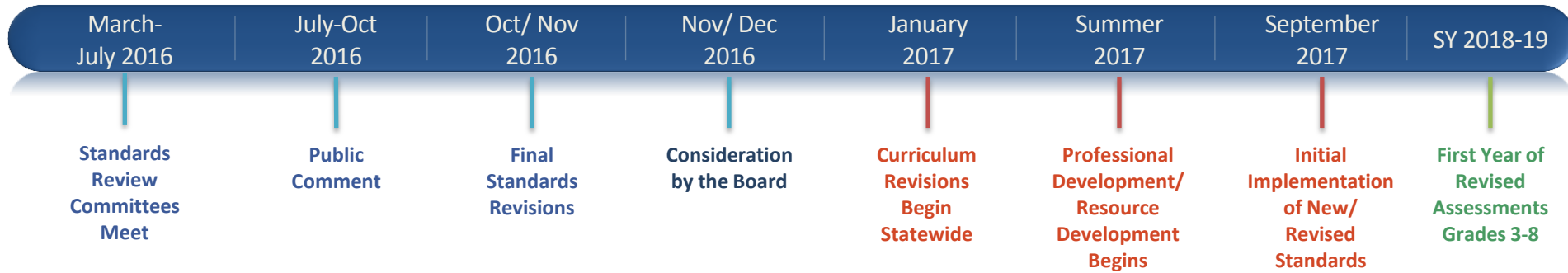
- **Phase 7: First Year of Revised Grade 3-8 ELA and Mathematics Assessments**
 - In Spring 2019, students will take the new Grade 3-8 ELA and Math tests

Review and Implementation Timeline



2016

2019



ELA and Mathematics Standards, Curriculum, and Assessment Implementation

Phase 1-4 (Standards Review and Revision)

Phase 5-6 (Curriculum Development /Resources/PD)

Phase 7 (New Tests)

Institutional Evaluation

Accountability Determinations Based on Current Standards and Assessments*

New Tests*

* To the extent consistent with Federal and State law, SED will seek to mitigate the use of state assessments for making high stakes institutional accountability determinations during the transition period to the new state assessments.

Teacher and Principal Evaluation

No consequences for teachers and principals related to 3-8 ELA and mathematics state assessments and no growth score on Regents exams until the start of the 2019-2020 school year



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Timeline current as of 2/22/2016

Additional Standards, Curriculum, and Assessment Work



Arts, Science, and Social Studies work will be showcased at the March Board of Regents Meeting, including:

Arts

- Continued work with Blue Ribbon Panel
- Further Development of Arts Strategic Plan
- Recruitment of Educators for Standards Revision

Science

- Analysis of Survey Results
- Recruitment of Educators for Review and Revision of Standards
- Begin Development of New Assessments

Social Studies

- Finalization of New Assessment Frameworks
- Creation of Assessment Prototype Questions
- Development of Curricular and Graduation Guidance

THANK YOU
