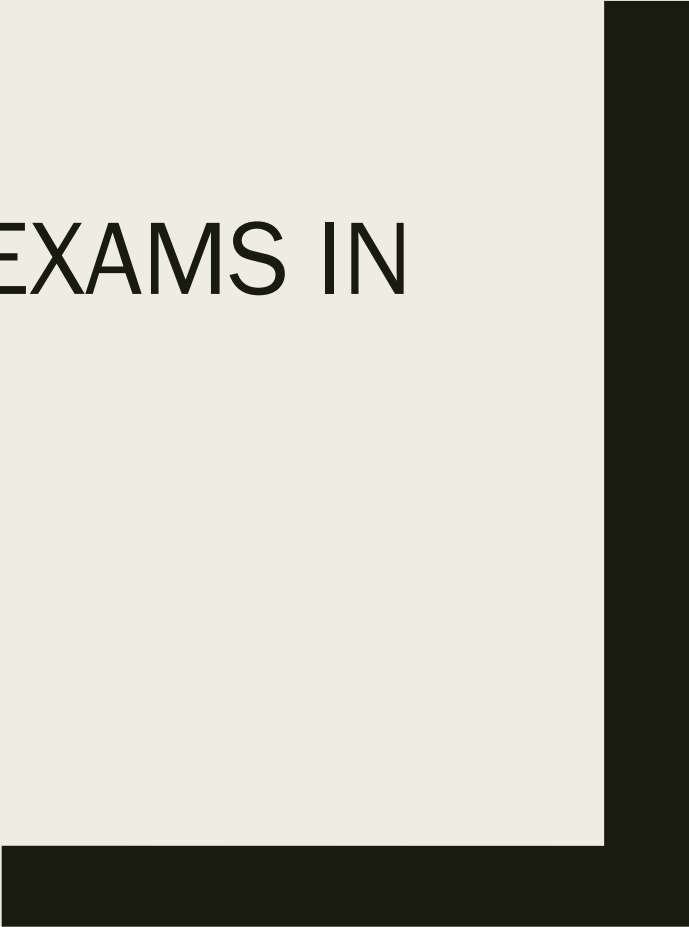




UPDATE ON NEW REGENTS EXAMS IN SOCIAL STUDIES

Presented to SCDN

March 1, 2019



Timeline of New Regents Exams in Social Studies

- June 2019 – First admin of Regents Exam in Global History & Geography II (Grade 10) (Framework)
- *June 2020 – Last admin of the Transition Regents Exam in Global History & Geography*
- June 2020 – First admin of Regents Exam in United States History & Government (Framework)
- *June 2021 – Last admin of the Regents Exam in United States History & Government (Core Curriculum)*

US History (Framework) Info Posted

- Available on Office of State Assessment's United States History (Framework) page:
<http://www.p12.nysed.gov/assessment/ss/framework-ushistory.html>
 - *Timeline for Phase In/Out of Exams*
 - *Performance Level Descriptions (PLDs)*
 - *Task Models for Multiple-choice Questions*

Update to Global II Test Design

- An updated Educator Guide was posted in February 2019.
- **Based on analysis of field test results** and out of an abundance of caution, a decision has been made to remove the two 1-point part 2b questions planned for inclusion in Part II of the Regents Examination in Global History and Geography II (Grade 10).
- Revised prototypes for Part II of the examination have been provided in the new addendum included at the end of the Educator Guide.

Significance of Field Testing

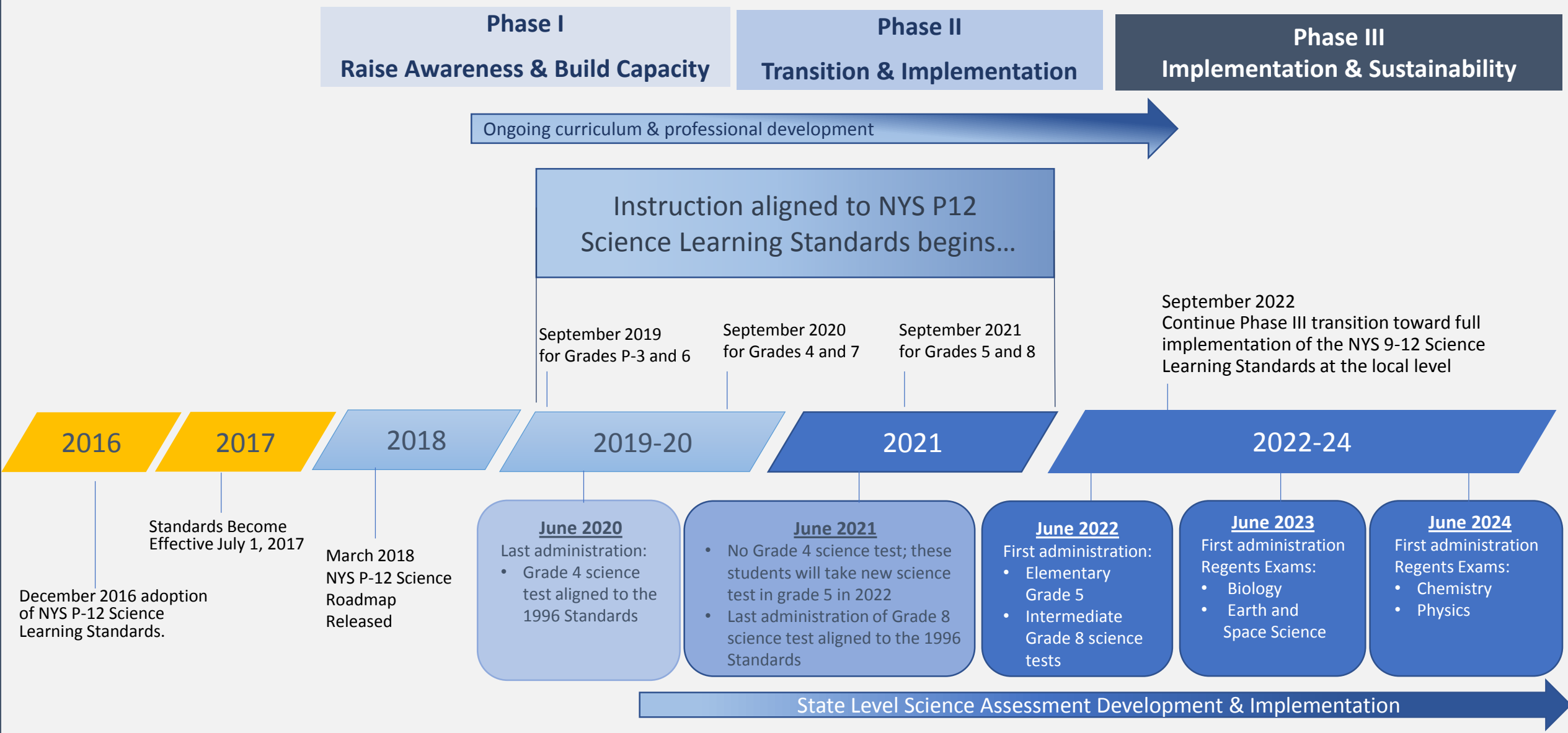
- Field testing provides an unparalleled opportunity to ensure that students are able to understand and interact with test questions prior to including them on operational (i.e., actual) tests.
- Student responses to field tested questions drive test development decisions by providing essential information about the difficulty of the questions and sample responses exemplifying each score point.
- Participation in field testing is the best way to ensure that operational tests are reliable, valid, fair and developmentally appropriate for the students in your school districts.
- Results from field testing are shared with the NYS educators who select the questions that appear on the operational tests.



DEVELOPMENT OF ASSESSMENTS
MEASURING THE NYS P-12 SCIENCE
LEARNING STANDARDS



New York State P-12 Science Standards Development, Adoption, and Implementation



NYS P-12 Science Learning Standards

- In December 2016, the Board approved the NYS P-12 Science Learning Standards.
 - *Implementation of these standards began July 1, 2017.*
- Beginning with the 2017-18 school year and continuing throughout the 2018-19 school year, districts are engaging in Phase 1 of the five-year *Statewide Strategic Plan for Science: “Raise Awareness & Build Capacity.”*
- The Strategic Plan was developed in collaboration with the Science Content Advisory Panel, the Statewide Leadership Team, and representatives of the NYS Science Education Consortium to guide a comprehensive approach toward improving P-12 science education statewide. It was approved by the Board in January 2015.

Course Maps & Instructional Support

- The standards at the high school level are not divided into courses.
 - *They are listed by grade for P-5 and are grade banded for Middle School and High School.*
- NYS educators and other science stakeholders (e.g., steering committee) were engaged to divide the HS standards into course maps for four HS courses.
 - *Course maps are posted on SED website.*
- The Office of Curriculum & Instruction has a website devoted to [Science Standards Implementation Resources](#) to support the “Raise Awareness & Build Capacity” phase of the Strategic Plan.

Strategic Plan Assessment Goal

- **Objective 1:** Explore established and contemporary science assessment models at the international, national, state, regional, and local levels to implement changes in the P12 science assessment system that are reflective of the new NYS P-12 science learning standards.
- Convene science education stakeholders to review and evaluate New York State's current assessment system for the sciences P-12.
 - *Science Education Steering Committee came in March 2017, January 2018 and September 2018 providing recommendations for a new assessment system; they also facilitated the development of the Course Maps for four courses culminating with a Regents Exam.*
- Collaborate between states to discuss and/or develop science assessments that have common blueprints.
 - *Monthly meetings with Achieve 50 States Team, reviews of CCSSO documents, Learning Policy Institute performance assessment conversations, Stanford's SNAP courses, and our own internal research of other states' work posted on their webpages have guided this.*

Strategic Plan Assessment Goal

- Propose a P-12 science assessment system that reflects the core science content, conceptual understandings, and practices that are included in the new P-12 NYS science learning standards.
 - *Knowledge has been gained through conversations with the Achieve 50 States Team and collaborations with STANYS/Master Teachers/BOCES SCDN Science Framework group for professional development about content, concepts, and practices.*
- Develop and recommend an implementation timeline that is based on the Board of Regents' decision regarding the new P-12 NYS science learning standards and assessment system.
 - *Science Education Steering Committee did this in January 2018; the Science Education Consortium also participated in a similar exercise and came up with a similar timeline.*

Grades 5 and 8 Science Tests

- Work began in early 2018 with the Steering Committee making recommendations about assessment priorities.
- NYS science educators reviewed the learning standards and made recommendations about how best to measure the Performance Expectations given their 3-dimensional nature.
 - *Science and Engineering Practices*
 - *Disciplinary Core Ideas*
 - *Cross-cutting Concepts*

Grades 5 and 8 Science Tests

- NYS science educators are driving an Evidence-Centered Design (ECD) approach to developing the Grade 5 Elementary-level and Grade 8 Intermediate-level Science Tests.
 - *ECD is a research-based, systematic test development process used in many large-scale testing programs that ensures tests are focused on the most valuable aspects of learning (i.e., skills).*
- The NYS educators began with the development of **claims** that explicate what students will be able to do when they are assessed at the end of the course.
- Educators are now working on **evidence** that identifies what a student needs to do/show/produce to support acquisition of the claim.

Grades 5 and 8 Performance Tests

- The current Elementary- and Intermediate-level Science Tests each include a performance test that students complete during class time, prior to the written test.
- We are hearing from science educators that, based on the content of the new learning standards, performance tests should still be a part of the new tests.
- We will explore the alignment of the current performance tests with the new learning standards and get recommendations from NYS science educators on how to proceed.
 - *We are mindful of the impact that changes to the performance tests will have on schools (e.g., purchasing new supplies) and will take that into account.*

Computer-based Testing

- If funding is available, the new Grades 5 and 8 Science written tests will be delivered via computer as the predominant mode of administration.
- Computer delivery would use the same platform as the Grades 3-8 English Language Arts and Mathematics Tests to maximize student and teacher familiarity.
- Computer delivery creates opportunities for more innovative scientific exploration, such as computer simulations, further down the road.

Future Development of Regents Exams in Science

- Educators developed course maps for four HS courses
 - *Earth & Space Science*
 - *Life Sciences: Biology*
 - *Physical Sciences: Chemistry*
 - *Physical Sciences: Physics*
- We are currently engaging in rich discussions with the members of the Content Advisory Panel and with other science educators and stakeholders about how to best measure the new standards.
 - *May include development of a number of required laboratory activities (similar to current Living Environment Exam)*

Science Assessment Schedule

- Phase III of the Strategic Plan: Implementation and Sustainability
- May/June 2022
 - *First administration of new Elementary Grade 5 and Intermediate Grade 8 Science Tests*
- June 2023
 - *First administrations of new Regents Examinations in Earth & Space Science and Life Sciences: Biology*
- June 2024
 - *First administrations of new Regents Examinations in Physical Sciences: Chemistry and Physical Sciences: Physics*