# Next Generation Learning Standards

English, Math, Science, and Social Studies

# Overview

- NYS has adopted revised learning standards in most content areas
  - NYS Mental Health Curriculum in **2018**
  - NGLS in **2017** for ELA
  - NGLS in **2017** for Math
  - NYSSLS in **2016** for Science
  - NYS Social Studies Standards in **2014**
  - NYSLSA in **2014** for the Arts
- Rush-Henrietta is committed to refining curriculum and instruction based on these changes from NYS

# ELA and Math Standards

**Refinement** of the 2010 Common Core Learning Standards

“These new standards recognize the importance of preparing New York’s children for success in life through a rigorous education and provide the foundation to get there” (Preface to the New York State Next Generation English Language Arts and Mathematics Learning Standards, 2017)

“[Standards] are defined as the knowledge, skills, and understanding that individuals can and do habitually, demonstrated overtime when exposed to high-quality instructional environments, and learning experiences” (NYSED ELA Introduction 2017)

# NYSED Next Generation Learning Standards: What Changed?

Across all of the grades, revisions were made to clarify the standards, ensure they are appropriate for students, and make certain there is a clear progression across the grade levels.

| English Language Arts Revisions | Mathematics Revisions |
|---|---|
| Reduced repetition to ensure clarity | Moved standards to different grade levels |
| Added practices to foster lifelong Readers and Writers | Provide for students to explore standards |
| Merged the Reading for Information and Reading for Literature Standards | Clarification of standards and added glossary of verbs |
| Revised every grade's expectations text complexity | Add and consolidate standards |
| Revised writing standards | Maintain rigor of standards |

# NYSED Next Generation ELA Learning Standards: Highlights

- The English Language Arts standards across all of the grades were revised to reduce repetition of standards and ensure clarity, appropriateness, and vertical alignment.
- Created a New York State-specific introduction to provide specific guidance and background on how to use the standards and how to inform local curriculum and instruction decisions.
- Revised the Writing Standards so they are more user-friendly for educators for curriculum and instruction.
- Added "Lifelong Practices of Readers and Writers" to ensure that students become lifelong learners who can communicate effectively.

# NYSED Next Generation Math Learning Standards: Highlights

- *The New York State Next Generation Mathematics Learning Standards (2017)* reflect revisions, additions, vertical movement, and clarifications to the current mathematics standards.

- The mathematics standards, collectively, are focused and cohesive—designed to support **student access** to the **knowledge** and **understanding** of the mathematical concepts that are necessary to function in a world very dependent upon the application of mathematics, while providing educators the opportunity to devise **innovative programs** to support this endeavor.

- The Standards for each grade level and course begin with eight Standards for Mathematical Practice. The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.

# Timeline ELA and Math (2017-2021)

**September 2017:** Adoption of Next Generation Learning Standards

**Phase I: Raise Awareness (Winter 2018-Winter/Spring 2019):**

- Professional development on NYS Next Generation Learning Standards; two-day assessments measuring the 2011 P-12 Learning Standards.

**Phase II: Build Capacity (Spring 2019-Summer 2020):**

- Professional development continuing on NYS Next Generation Learning Standards; two-day assessments measuring the 2011 P-12 Learning Standards.

**Phase III Full Implementation (September 2020 – ongoing):**

- Full implementation of the NYS Next Generation Learning Standards.

**Spring 2021:**

New Grades 3-8 tests measuring the NYS Next Generation Learning Standards.

| Lifelong Practices of Readers | Lifelong Practices of Writers | Lifelong Practices of Mathematicians |
| --- | --- | --- |
| • Think, write, speak and listen to understand<br>• Read often and widely from a range of global and diverse texts<br>• Read for multiple purposes, including for learning and for pleasure<br>• Self-select texts based on interest<br>• Persevere through challenging, complex texts<br>• Enrich personal language, background knowledge and vocabulary through reading and communicating with others<br>• Monitor comprehension and apply reading strategies flexibly<br>• Make connections (to self, other texts, ideas, cultures, eras etc.) | • Think, write, speak and listen to support writing<br>• Write often and widely in a variety of formats, using print and digital resources and tools<br>• Write for multiple purposes including for learning and for pleasure<br>• Persevere through challenging writing tasks<br>• Enrich personal language, background knowledge,and vocabulary through writing and communicating with others<br>• Experiment and play with language<br>• Analyze mentor texts to enhance writing<br>• Strengthen writing by planning, revising, editing, rewriting or trying a new approach | • Make sense of problems and persevere in solving them<br>• Reason abstractly and quantitatively<br>• Construct viable arguments and critique the reasoning of others<br>• Model with mathematics<br>• Use appropriate tools strategically<br>• Attend to precision<br>• Look for and make use of structure<br>• Look for and express regularity in repeated reasoning |

# Shared Responsibility for Literacy Development

## Reading Standards for Literacy in History/Social Studies 6-12

### Reading Standards for Literacy in History/Social Studies **6-8**

Strand and Grade Band

#### Key Ideas and Details

**RH 1:** Cite specific textual evidence to support analysis of primary and secondary sources.

**RH 2:** Determine the central ideas or information of a primary or secondary source; provide an accurate, objective summary of the source distinct from prior knowledge or opinions.

**RH 3:** Identify key steps in a text's description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered).

#### Craft and Structure

**RH 4:** Determine the meaning of words and phrases as they are used in a text, including content-specific vocabulary related to history/social studies.

**RH 5:** Describe how a text presents information (e.g., sequentially, comparatively, causally, visually, and graphically).

**RH 6:** Identify aspects of a text that reveal an author's point of view or purpose (e.g. rhetorical language, inclusion or avoidance of particular facts, images, visuals, etc.)

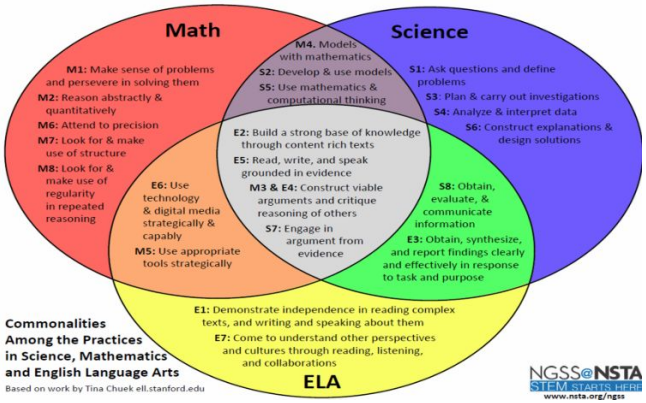
#### Integration of Knowledge and Ideas

**RH 7:** Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

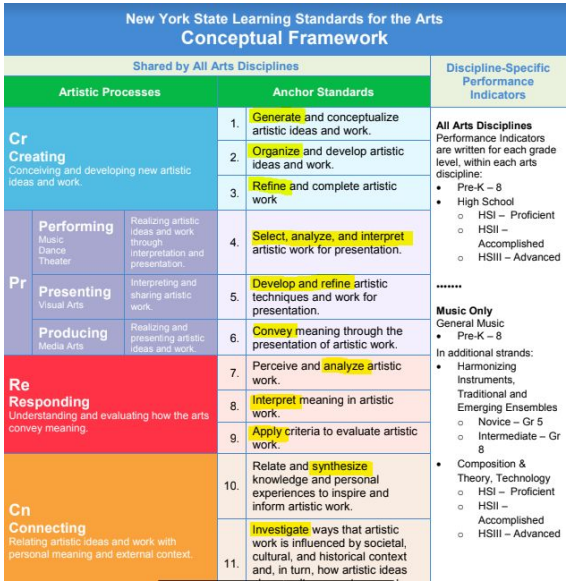
**RH 8:** Distinguish among fact, opinion, and reasoned judgment in a text. Identify and distinguish between a primary and secondary source on the same topic.

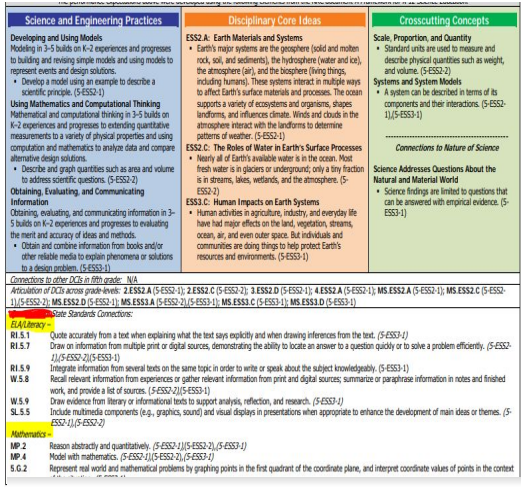
Grade Band Literacy Standards

# Connecting the Learning Standards...









# ...Intentionally Designed Connections

NGLS-ELA

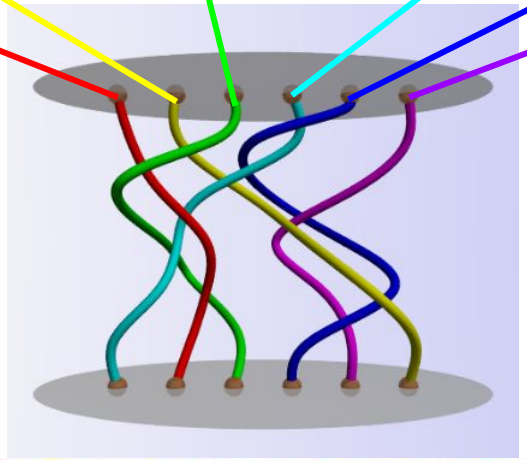
NGLS-Math

NYSSLS-Science

NYS Social Studies

NYSLSA-Arts

ISTE Standards



**All of the standards contain "lifelong practices" that have <u>literacy</u> as their core.**

**If students are <u>reading</u>, <u>thinking</u>, and <u>writing</u> in EVERY class they will graduate from RH equipped for lifelong literacy.**

# READ→ THINK→WRITE

# Science- NYSSLS

- Adopted by NYS in 2016...NGSS +
- Timeline for new curriculum: (click for grade-specific units)
  - Fall 2019- 4th and 5th grade
  - Fall 2020- 2nd and 3rd grade
  - Fall 2021- 1st grade and Kindergarten
- Embedded supports
  - Time to unpack, access to ICT Coaches and Director of Science for co-planning and co-teaching
- BOCES Science Kits will be evaluated the year before grade level curriculum implementation for alignment to the NYSSLS.
- Local assessments will be implemented one year after implementation of curriculum
  - 2-4 questions each based on a case study or a scenario
  - Grades 3-6 will be CBT on eDoctrina
- Last administration of the 4th grade state test is in June 2020
- First administration of the NEW 5th grade state test will be in June 2022

# Social Studies (New Framework - 2014)

- The NYS Social Studies Framework was adopted in 2014.
  - Minimal revisions were made to the K-8 framework in 2016. .
- Social Studies curriculum, assessments and learning experiences were aligned in 2016 and will continue to be refined with teacher feedback.
- We will continue to focus on these three main shifts:
  - Shift #1: Focus on Conceptual Understanding
  - Shift #2: Foster Student Inquiry, Collaboration, and Informed Action
  - Shift #3: Integrate Content and Skills Purposefully (with a focus on literacy skills)

# Rush-Henrietta NGLS Website

**To Access:**

1) Go to RH webpage
2) Click on “Instruction” heading
3) Click on “Instructional Departments” from the dropdown
4) Click on “New NYS Learning Standards” on left hand toolbar

Scavenger Hunt (Hard copies also provided!)