

MATH - Envisions and Illustrative Math

Grades 6–8 Math Curriculum Built for Success

Discover the power of math through Envisions, where students engage with dynamic concepts, problem-solving, and critical thinking. Our Envisions program cultivates mathematical proficiency and empowers students to excel in a world driven by numbers. Join us as we explore the endless possibilities of math, guiding learners towards mastery and confidence.

Illustrative Mathematics' collaborative model invites students to talk and write about math, listen to each other's ideas, justify their thinking, and critique the reasoning of others to further develop their mathematical understanding.



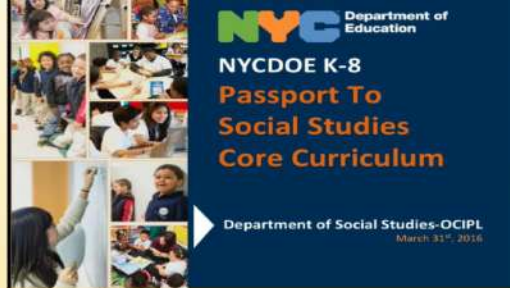
HMH Into Literature (Grades 6–8) – Reading Highlights

- **Diverse Texts:**
Includes a wide range of genres—fiction, nonfiction, poetry, drama, and multimedia texts from contemporary and classic authors.
- **Focus on Comprehension & Analysis:**
Students learn to identify central ideas, analyze text structure, evaluate arguments, and make inferences using evidence.
- **Critical Thinking & Discussion:**
Encourages close reading and academic conversations to deepen understanding of texts and themes.
- **Text-Based Writing Connections:**
Reading is closely tied to writing tasks that require students to cite evidence and develop claims.
- **Vocabulary in Context:**
Emphasizes learning new words through context clues, word parts, and usage in real texts.
- **Collaborative Learning:**
Activities often involve partner or group discussions, annotations, and sharing personal responses to texts.
- **Reading Strategies:**
Explicit instruction in strategies like summarizing, questioning, visualizing, and rereading to build independent reading skills.



Amplify Science Curriculum Highlights

- **Hands-on Experiments**
Students actively explore science concepts through engaging, interactive investigations.
- **Inquiry-Based Learning**
Encourages students to ask questions, form hypotheses, and discover answers through exploration.
- **Real-World Applications**
Lessons connect science to everyday life, helping students see the relevance of what they learn.
- **Exploration of the Natural World**
From ecosystems to space, students dive into the wonders of the universe.
- **Ignites Curiosity & Passion**
Designed to spark interest in science and foster a lifelong love of learning.
- **Inspires Future Innovators**
Builds critical thinking and problem-solving skills essential for the next generation of scientists.



Passport Social Studies Program Highlights

- **Explore Diverse Cultures**
Students gain insight into people, traditions, and societies from around the world.
- **Engage with Historical Events**
Lessons bring the past to life through meaningful stories, primary sources, and timelines.
- **Develop Global Perspectives**
Encourages students to think critically about world issues and multiple points of view.
- **Foster Empathy & Understanding**
Builds awareness of different cultures and experiences to promote respect and compassion.
- **Navigate Human History**
Guides students through major civilizations, movements, and moments that shaped our world.
- **Become Informed Global Citizens**
Equips learners with the knowledge and civic skills to participate in a connected, global society.

Regents Classes - Algebra I

- Available to 8th Grade students with prior exemplary performance in math- (We will be moving to every 8th grade student taking the Regents)
- Provides high school level instruction to students in middle school
- Students will take the Algebra I Regents Exam in June; if they pass the exam, they will receive high school credits
- Students will also take the New York State 8th Grade Math Exam in April or May
- Students will have one quiz, one test, and one performance task per unit
- Practice assessments will be assigned during mid-winter recess, winter recess, and spring break

Regents Classes - Biology

- Available to ALL 8th Grade students
- Provides high school level instruction to students in middle school
- Students must qualify to take the Regents Exam in June in order to qualify, they must have completed 20 hours of laboratory time
- If students pass the exam, they will receive high school credits