



## Seining (All Ages):

### COMMON CORE ENGLISH LANGUAGE ARTS STANDARDS

- Literacy in Historical/Social Studies
- Reading Informational Text
- Speaking and Listening
- Literacy in Technical Subjects
- Literacy in Science
- College & Career Readiness
- Writing Standards

### COMMON CORE MATH STANDARDS

- Counting and Cardinality
- Measurement and Data
- Number System
- Statistics and Probability
- Expressions and Equations
- Ratios & Proportional Relationships

### NYC K-8 SCIENCE & SOCIAL STUDIES SCOPE & SEQUENCE

- Our Community Geography
- New York City Over Time
- An Industrial Society
- Animals, Plants in their Environments
- The Nature of Science
- Exploring Ecosystems
- Diversity of Life
- Interdependence
- Humans in Their Environments
- Needs and Tradeoffs
- Earth Science
- Animal Diversity
- Plant and Animal Adaptations
- Properties of Water



#### NEXT GENERATION SCIENCE STANDARDS

- K. Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment
- Structure, Function, & Information Processing
- Interdependent Relationships in Ecosystems
- Interdependent Relationships in Ecosystems
- Inheritance and Variation of Traits: Life Cycles and Traits
- Structure, Function, & Information Processing
- Matter and Energy in Organisms & Ecosystems
- 5. Earth's Systems
- MS. Matter and Energy in Organisms & Ecosystems
- MS. Interdependent Relationships in Ecosystems
- MS. Growth, Development, and Reproduction of Organisms
- MS. Natural Selection and Adaptations
- MS. Weather and Climate
- MS. Human Impact
- HS. Structure and Function
- HS. Matter and Energy in Organisms & Ecosystems
- HS. Interdependent Relationships in Ecosystems
- HS. Inheritance and Variation of Traits
- HS. Natural Selection and Evolution
- HS. Earth's Systems