E3: Exploration, Ecology & the Environment (K-MS)

LEARNING STANDARDS

COMMON CORE ENGLISH LANGUAGE ARTS STANDARDS
- Literacy in Historical/Social Studies
- Reading Informational Text
- Speaking and Listening
- Literacy in Technical Subjects
- Literacy in Science

COMMON CORE MATH STANDARDS
- Number & Operations in Base Ten
- Counting and Cardinality
- Measurement and Data
- Number System
- Statistics and Probability
- Expressions and Equations
- Quantities
- Ratios & Proportional Relationships

NYC K-8 SCIENCE & SOCIAL STUDIES SCOPE & SEQUENCE
- Our Community Geography
- New York City Over Time
- Growth and Expansion
- 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 Materials
- Interactions of Air Water and Land
- Earth Science
- Geology
- Animal Diversity
- Plant Diversity
- Plant and Animal Adaptations
- Trees Through the Seasons

NEXT GENERATION SCIENCE STANDARDS
- K. Forces and Interactions: Pushes and Pulls
- K. Independent Relationships in Ecosystems
- K-2. Engineering Design
- 1. Structure, Function, and Information Processing
- 2. Independent Relationships in Ecosystems
- 3. Forces and Interactions
- 3. Interdependent Relationships in Ecosystems
- 4. Structure, Function, and Information Processing
- 5. Matter and Energy in Organisms & Ecosystems
- 5. Earth’s Systems
- 3-5. Engineering Design
- MS. Structure, Function, and Information Processing
- MS. Matter and Energy in Organisms & Ecosystems
- MS. Interdependent Relationships in Ecosystems
- MS. Human Impacts
- MS. Engineering Design