

# Change Over Time



#### **Managing the Complexity of Systems**

This Super Unit is a structured inquiry into helping the learner understand the world around them. Learners will manage the complex systems of our world. Learners will be empowered to improve the effectiveness and efficiency of the systems in our world. Learners will develop their ability to do systems thinking.

# Enduring understanding: The



# Highlights of Learning Experiences

Super Unit Launch: Friday, March 23rd, 2018

Field Trip(s): PMH local areas and Community Bus Tour

Guest Speaker(s): Local members of our community

Project: A "Change Over Time Museum" where students are curators

Core Values: Balance in Life (ecosystems), Academic Excellence

(self-management), Sense of Self (sense of community, leadership),

Respect for All (respect for life), Dedicated Service (social and environmental responsibility)

**Super Unit Celebration**: May 28-June 1, 2018; Students will tour members of our community around the Change Over Time Museum.



# Focus on Learning by Area

#### Physical Development and Motor skills

• Use senses (sight, touch, hearing, smell, and taste) to explore the environment and process information.

#### **Social and Emotional Development**

Develop relationships and social skills with peers.

#### Approaches to Play and Learning

Demonstrate interest and curiosity.

#### Communication, Language and Literacy

- Use nonfiction writing for a variety of purposes.
- Acquire meaning from a variety of resources.

#### Cognitive Development and General Knowledge

- Interactions and relationship between human societies and their physical environment.
- Identify landforms (oceans, continents).
- Understand an awareness of geography in his or her community.
- Understand the passage of time and how events are related.
- Engineering & Design: Using design cycle for creating museum displays.

# Earth has changed over time.



# Questions to Ask your Child

- How has the earth changed over time?
- How have you changed over time?
- What changes have you noticed in our local community?



## Home Learning

- Go for visits to different museums and discuss what it means to preserve information and ancient artifacts.
- Check out National Geographic for Kids online for information on how our Earth has changed over time.
- Have your child illustrate and label different habitats, and extinct plant life.



#### Suggested Home Extensions

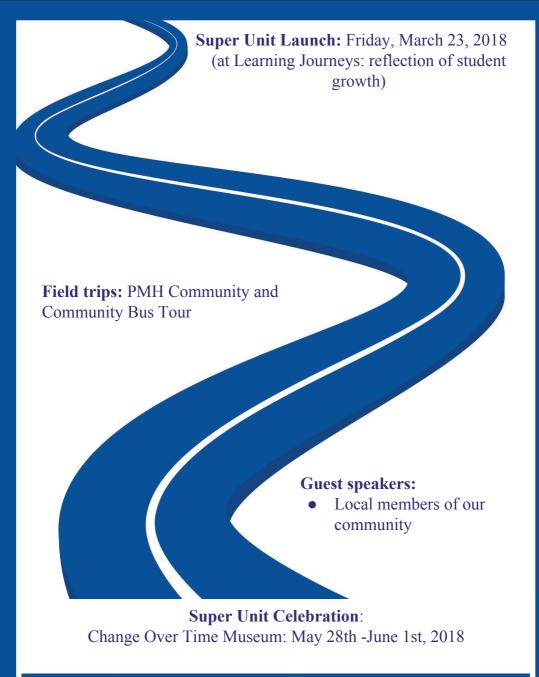
- Take a walk in your neighborhood and record the changes you see happening all around you.
- Explore a variety of materials with your child. Examples: Cooking/baking, building, creating, painting, etc.
- Take your child to PMH headquarters to observe changes in our community.



## Key Vocabulary

- change
- Earth
- volcano
- continent
- ocean

- pattern
- natural disaster
- extinction
- environment
- timeline





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