UNIT/ESSENTIAL QUESTIONS	SKILLS/TECHNIQUES	HISTORY/CULTURE/SUGGESTED LESSONS
 Weaving From Fleece to Fabric Look closely at your clothing. How is it made? What is one of the earliest inventions of man? What are we still dependent upon to keep us warm and clothed? 	 Students will weave on individual cardboard looms. Students know how yarn is made. Students will use yarn that was naturally dyed in classroom and weave it into their design. Students will learn how to create check, circle, diagonal, and triangular designs. 	 Introduce all students to the spinning, dyeing, and weaving of raw wool in its fleece state to a finished, hardwoven piece of cloth. American colonists and weaving. Vocabulary: loom weft warp shuttle fleece basket weaving carding Natural dye plants of North America. Navaho weaving South American French tapestry Story - a young South American child who creates a poncho to keep warm in the mountains of Peru.

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 Native American Pottery (Red Clay) Woven containers were the first holding devices used and made by man to hold and carry water and food. What do you think was one of the next materials used for containers? 	 Students will use coil or slab/drop method to create a shallow dish. Paint – earth tones. Seed beads to create unique Native American inspired designs on pottery. 	 Lenapes – Eastern woodland. Anasazi – Pueblo. Story: The Miracle of the Seeds.
 Multi-Media Painting While holding up a multi-media painting example, ask students: How many different media were used to create this painting? 	 Explore many media. Create a batik like image using pencil, marker, tempera paint, ink, and water. Drawing and painting 	 Examples of batik. Examples of paintings from different cultures that used several media to create a painting.
 New York State Relief Maps What are some important waterways? Why are they important? New York State is bordered by what 3 rivers, 5 states, 1 country, and 3 lakes? 	 Drawing New York State with important rivers and lakes. Sculpting major mountain regions. Painting map. Learning geography of New York – preparation for fourth grade final. 	 Old maps of New York. Lenape maps of New York. Colonists – cultures of early New York – their legacy. New York also known as the water state. Influence of Native American cultures on history of New York.

UNIT/ESSENTIAL QUESTIONS	SKILLS/TECHNIQUES	HISTORY/CULTURE/SUGGESTED LESSONS
 Paper Making What did people do before paper was available? How was paper made? What is paper made into? Why are paper mills often located on the banks of rivers in remote forested areas? 	 Making paper pulp. Pour the pulp. Lift and drain deckle and remove. Sponge the pulp. Couching (kooching). Peel and dry the pulp. Experiment with different paper thicknesses and adding flowers, etc. 	 First made by Ts'ai Lun-under Chinese emperor Ho-Ti-105 AD. Kept secret in China for 500 years. Before paper – Sumerian clay tablets – 4th millennium BC. Papyrus – 3500 BC. Parchment – skins of animals. Silk.
 Botanicals What are the keys to life on Earth? What is a plant? How can I draw a plant with all of its detail? 	 Collect plants – flowering and nonflowering. Observation drawing. Watercolor painting. Classification of plants. Create an impression into unblocked muslin cloth. 	 Science of plants connects to Science curriculum. Medieval gardens. Parts of a plant. Van Gogh's flowers. Medicinal plants.

UNIT/ESSENTIAL QUESTIONS	SKILLS/TECHNIQUES	HISTORY/CULTURE/SUGGESTED LESSONS
 Native American Jewelry How do Native Americans live in harmony with the natural components of their ecosystem? 	 Create a necklace inspired by Native American style and design. Paint an animal/design on wooden medallion with a zero brush. Adorn necklace with beads and feathers. 	 Endangered species or threatened species of New York. History of Lenape.
 Folk Art What does Folk Art mean? Who created the American Folk Art pieces? 	 Understand how to use flatbrush – oval and script limer paint brush. How to double load paint brush. Sideloading brush and blending. Create a cabbage rose, rose bud. Chain and rickrack edging designs. 	 Bauernmalerei – peasant painting. German folk art technique. American country painting. Self-taught artists decorated practical items and created whimsical ones.