

# Fulton Co/Young Audiences of Atlanta

## SAP STUDY GUIDE

Please **copy** this study guide and **distribute** to all teachers participating in the program **prior to the day of the program**. *Thank you!*

### Katy DeMent

#### From Trash to Treasure

Katy DeMent majored in Art History at GA State University and studied Textiles at American College in Atlanta. For the past twelve years she has been independently studying papermaking. Her fascination with collecting things from the past led to her work in collage and papermaking. Katy describes herself as “an obsessive pack rat”. Yard Sale treasures, found objects, and plant fibers are both the inspiration and basis for her creations and each richly textured piece tells a story!

#### **I. Before the Program.....PREPARE! (Pre)**

- A. Please review proper audience behavior with students
- B. This will be a hands-on workshop. Please provide smocks for your students, if possible
- C. Katy needs a level table or surface to put papermaking equipment on and a source of electricity. Having a sink close by is ideal, but if you do not have access, the artist will bring a bucket. Each child will need to have a place to sit and work. There must be a place for the wet paper to dry. Please have two grocery bags of newspaper available.
- D. Key Vocabulary (see Curriculum Connections)
- E. Objectives
  - To understand the relationship between recycling/reusing and creating new fibers that can become new paper
  - To explore the process and history of papermaking
  - To learn about the science of paper and the way fibers cling together to create a solid object.
  - Reinforce “elements” of art being learned in Core Curriculum

#### **II. The Program.....EXPERIENCE!**

The artist takes students through the process of papermaking from beginning to end. Emphasis is placed on the importance of recycling and reusing old paper, fabric, and fibrous natural material to create new paper. The newly created paper becomes wonderful works of art when interesting materials are added, imprints are made on the paper, or paper is used to make 3-D objects.

#### **III. After the Program.....ASK! (Post)**

- What did you learn about recycling/reusing materials to become new fibers?
- What is one thing you remember about the history of papermaking?
- How do fibers cling together to create a solid object?
- What was your favorite part of the papermaking process?

#### **IV. Curriculum Connections.....ENRICH!**

QCC Fine Arts-Visual Arts (3-5)	Develops and applies criteria for judging personal decisions about artwork
QCC Language Arts (3)	Recall, interpret, and summarize information presented orally
QCC Social Studies (3)	recognizes how human actions and physical environments affect one another
QCC Mathematics (4)	Determine geometric relationships i.e.: parallel to, perpendicular to, inside, outside, on, symmetrical, same size as, same shape as, same size and shape but different position or orientation
QCC Science (4)	Identify how matter and energy do or do not cycle in one ecosystem. Describe how matter cycles in an ecosystem (nutrients, producers, consumers, decomposers) but energy must always be added.

## Enrich/Key Vocabulary

Recycle	to generate for future use	Vat	a container to hold pulp
Fibers	tiny hair like bits that make up the stalks, stems, and leaves of plants and the hair or fur of animals	Couching	transferring the pulp from the mould to another surface
Cellulose	substance derived from plants to made paper	Post	a stack of wet sheets of paper
Conifers	fast growing trees used to made pulp	Pigment	chemicals that can add color
Pulp	plant fibers that have been beaten	Texture	the feel of a surface
Slurry	pulp that has been thinned for papermaking	Emboss	to pattern a surface by pressing paper against a three dimensional surface
Mould	a ridged frame covered with screen on which pulp is strained from a vat	Collage	a French word meaning “put together” that refers to the art form of assembly
Deckle	a ridged frame that defines the edge of a sheet of paper, also the name of the feathery edges of a sheet of handmade paper	Papyrus	a tall reed like plant used in Egypt to make paper

## Enrich/Follow Up:

**Fine Arts/Visual Arts** Create another collage using cut paper in the style of the French artist, Matisse.

**Language Arts** Read books in Bibliography (see below). Research other artists that use collage in their work. Create a narrative about your collage.

**Social Studies** Find out how recycling is done in your community. Create a recycling poster for your classroom/school. Start a recycling program in your school.

**Mathematics** Count the different colors and textures in the piece created in workshop. Research the dimensions of the Collage in inches, centimeters, etc. Add and subtract items I your collage.

**Science** Discuss how fibers hold paper together. Fibers are found everywhere, go on a “fiber hunt” and look at the findings under a microscope to see how fibers cling together

**History** Create a timeline that reflects the changes papermaking techniques have change throughout history. Research how the history of recycling has changed over the past 50 years

## V. To Learn More About.....EXPLORE! (Resources)

### **Bibliography**

Nickelson, *Nature Activities for Early Childhood*

Cosner, *Paper Through the Ages*

Buehr, *The Magic of Paper*

Fletcher, *How on Earth do We Recycle Paper*

Asimov, *How Paper is Made*

Grummer, *Paper by Kids*

Macaulay, *The Way things Work*

Churchill, *Paper Science Toys*

Pekarik, *Sculpture Behind the Scenes*

Meilach, *Art from Anything*

Gibbons, *Recycle!*

Simmons, *REcyclopedia*

Watts, *Paper Crafts*

Maddian, *Beautiful Junk*

Johnson, *Wasps*

Platt, *Inventions*

Hawkes, *Toxic Waste*

American Papermaking Museum

500 10<sup>th</sup> St

Atlanta, GA 30318

The Dard Hunter Museum of Paper

MA Institute of Technology

Cambridge, MA

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