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## MATERIALS AND RESOURCES

Most schools have catalogues from which art supplies may be ordered. There are several ways to stretch a dollar:

- If supplies are available from several sources, compare prices. This saves a bit of money here and there.
- Buying in bulk saves money. Combine in-school orders. Several schools may order together to reduce shipping charges.
- Art periods can be scheduled so that they are not at the same time as others of the same level. This permits the sharing of materials among classes.
- Found materials can often be substituted for both consumable and nonconsumable items.



Nancy Chafe, Vanier Elementary, St. John's, Grade 2  
"Untitled"

## Nonconsumable Materials

Item	Amount Per Class (24)	Amount Per Grade in School	Amount Per School
Paintbrushes			
• round -medium		24	
small		24	
• flat - large		24	
medium		24	
Scissors	24		
Stapler	1		
Knife (X-acto)			24
Mixing trays (for paints)	24		
Tempera block trays (large)		12	
Water containers		12	
Glue bottles	24		
Sponges - large (clean ups)	2		
small (painting, printing)		24	
Clothes pegs	1 package		
Needles - sewing	24		
darning	24		
Pins		1 box	
Dishpans or buckets for water		2	
Spoons for stirring	2		
Ruler	24		
Rolling pin			12
Brayer (rubber roller)			8
Toothbrush			24
Drawing board			24

**NOTE:** This may be used as a rough guide.

## Consumable Materials

Item	Amount Per Class (24)	Amount Per Grade Level in School	Amount Per School
Glue - white paste	1 litre 3 kilograms		
Pastels (oil)		24 boxes	
Crayons	24 boxes		
Pencil - soft lead 4B	24		
Charcoal (sticks)	1 box		
Drawing ink (water soluble)	500 millilitres		
Coloured pencils	24 packages		
Large tempera blocks (5-6 assorted colours)		12 of each	
Liquid tempera paint (5-6 assorted colours)	1 litre of each		
Paper - white cartridge 30x45 cm (12x18")	1000 sheets		
cream manilla 30xc45cm (12x18")	1000 sheets		
Construction paper - assorted 30x45cm	500 sheets		
Newsprint 30x45cm (12x18")	2000 sheets		
Mural paper			2 rolls
Tissue paper - as required			

Item	Amount Per Class (24)	Amount Per Grade Level in School	Amount Per School
Crepe paper - as required			
Bristol board - as required			
Clay	24 kilograms		
Fabric - burlap 12" squares	24		
felt 12" squares	24		
assorted cottons (as collected)			
Thread	3 spools		
Yarn - assorted colours and textures			
Printing ink - water base 300cc tube, assorted colours	10		
Masking tape	5 rolls		
String	1 ball		
Popsicle sticks (craftsticks)	1 box		
Toothpicks	12 boxes		
Paper cutter			1

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## BASIC SAFETY RULES

For the most part, safety in the art class is simply a matter of common sense. Some rules are listed below.

1. Read labels to determine whether materials are hazardous. Use nontoxic materials whenever possible.
2. Store materials safely. Keep lids on all liquids and powders.
3. Do not permit food in the art class.
4. Use adequate ventilation.
5. Do not allow students to use the paper cutter.
6. Only elementary level students should be allowed to use sharp knives, carving tools, or handheld power tools. The safe use of sharp tools must be demonstrated before any student is permitted to use one, and even then students must be carefully supervised. Students should wear goggles when using these tools.
7. Do not let clay particles spread in the atmosphere. Clean tables with damp sponges and floors with damp mops. Do not sand clay pieces.
8. Sponge or mop up any liquid spills (paint, ink, etc.) immediately.
9. Do not apply fixative or spray paints in the students' presence. Apply only if absolutely necessary and in a well-ventilated area.
10. Have students wash hands after art class.

Special needs children deserve special consideration. A child who has to work very close to his/her work is likely to inhale fumes or dust. Children on medication should not be exposed to some materials. It is best to check with parents.

\*For more detailed information, see Appendix E.

## Finding Art Materials

There are many sources of art materials. Businesses are constantly discarding things that can be put to use in the art room and that can be obtained at little or no cost. Always call ahead and make an appointment; often, the ideal time is just before garbage day.

Make lots of contacts. Let everyone know you are looking for things and before long you will have people calling you to pick up a collection of materials.

Have students take a letter home asking parents to help supply material for the art room. Most families are willing

to save things, and students will be delighted to be able to contribute to the art program.

- grocery store: cardboard boxes
- printers' shops: paper scraps
- lumber stores: wood scraps
- carpet stores: long cardboard tubes, carpet pieces, cushion flooring, etc.
- service stations/tire outlets: old inner tubes
- glass shops, hardware stores, building supplies: plexiglass scraps
- sewing shops: scraps of material
- framing shops: plexiglass, wood scraps
- wallpaper stores: wallpaper samples
- travel agencies: posters



Paul Hillyard, Red Bay Integrated All-Grade, Red Bay, Grade 4  
"Untitled"

## Substitutes

### Recipes

#### *Paste for Papier-Mâché*

flour  
water

- Add water to flour and mix to the consistency of thick cream.

#### *Wallpaper Paste*

500 mL wheat flour  
125 mL sugar  
2.5 L water

- Mix dry ingredients in a saucepan.
- Add water slowly, to make a paste without lumps.
- Add remaining water.
- Bring mixture to a boil, stirring constantly.  
Cook until mixture is thick and translucent.

Makes two to three litres of paste. Keep refrigerated to prevent the growth of mould.

#### *Modelling Clay*

1 part flour		2 parts flour
1 part salt	or	1 part salt
1/2 part water		1 part water

- Mix flour and salt.
- Slowly add water and mix.
- Knead for a few minutes and store in a plastic bag.
- Colour with food colouring.

### *Carving Material*

Water

1 part plaster

1 part sawdust

- Set aside water in a bowl.
- Mix dry ingredients and add slowly to water until the dry ingredients build up above the surface of the water.
- Allow to soak twenty or thirty seconds.
- Stir thoroughly making certain any lumps are broken.
- Pour mixture into cardboard mould.

**Clean up plaster mixture immediately.** Excess plaster should be wiped from mixing bowl and put in the garbage. **DO NOT WASH DOWN THE DRAIN.**

### *Plasticine Substitute*

1 1/4 cups flour

1/2 cup salt

1/4 cup vegetable oil

1 2/3 cups boiling water

food colouring

- Mix dry ingredients and add oil. Add food colouring to boiling water, and add other ingredients.
- When mixture holds together, knead until smooth.
- Keep in airtight container or wrapped in plastic.  
Can be used again and again. Will slowly dry if left uncovered.

### ***Acrylic-like Paints***

White glue

Liquid tempera paint

- Add paint to white glue until desired colour is achieved. The result is a thick, creamy paint that adheres to plastic and styrofoam.

**Please note:** Keep brushes to use with this paint only.

### ***Finger Paint***

1 cup liquid starch

6 cups water

1/2 cup soap chips

Liquid Tempera Paint

- Dissolve soap chips in the water until no lumps remain.
- Mix well with the starch and remaining water.
- Divide into small containers and add paint for colour.

### ***Finger Paint***

125 ml wheat flour

500 ml water

15 ml glycerine

food colouring or nontoxic tempera paint

- Mix flour and water to form paste.
- Cook at low heat, stirring constantly.
- If mixture is too thick, add a small amount of water.
- Divide mixture into small covered jars and add colouring.

If results are unsatisfactory, try adding more glycerine or sugar. Use promptly or store in the refrigerator to prevent the growth of mould and yeast. Grain alcohol (50 ml) or any antibacterial solution will act as a preservative.

## **Nonconsumables**

### ***Tempera Block Trays***

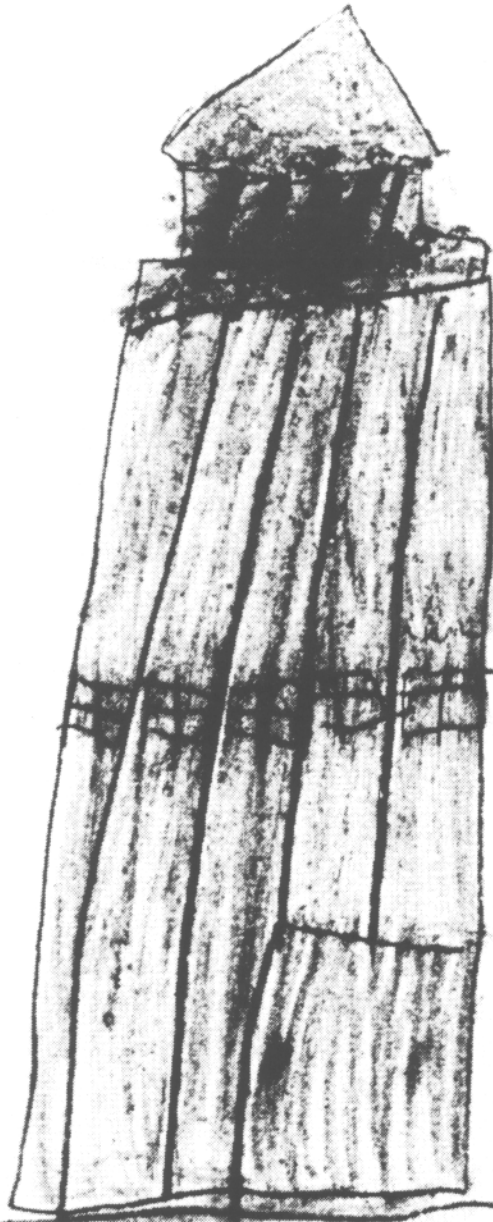
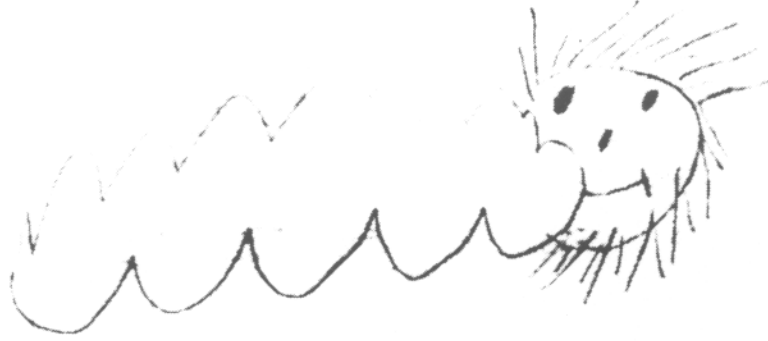
Old muffin tins, containers or small plastic lids can substitute for commercial trays.

### ***Mixing Trays***

Use large plastic lids, muffin tins, ice cube trays, or floor tiles.

### ***Drawing Boards***

Corrugated cardboard sheets 40 x 50cm.  
Masonite cut to size.



Jennifer Doyle, Presentation School, St. John's, Grade 2  
"The Lighthouse"



## **The Community**

It is possible to use businesses and people in the community for ideas and inspiration. Try organizing field trips to all sorts of local spots - shops, farms, a pond, a cove, a park; take a nature walk, observe the local architecture. All of these can provide terrific experiences that can be translated into an art lesson.

## **Print and Film Materials**

### **Slides and Filmstrips**

- Check to see what is in the school library. Many filmstrips used for other subjects can be used as resources for art.
- Check with the art coordinator or the contact person for your school board.
- Check to see what is available from the Department of Education.
- Make your own slides.
- Check at art galleries for slides to borrow or buy.

### **Posters**

- Government departments, museums and galleries, travel agencies, companies, grocery chains, cinemas, publishers, etc.

### **Postcards**

- Galleries and museums (art reproductions)
- Souvenir shops (local scenes)

### **Outdated Calendars**

- Each year calendars go on sale around February. Students can bring old calendars in January.

### **Christmas Cards**

- Have students bring them in after Christmas. Other types of greeting cards are also useful.

## **Magazines**

- Collect, cut out, and laminate pictures.

## **Books**

- Cheap art books are sometimes available from new and secondhand book stores. These can be cut up and the images laminated.

## **Audio/Visual Resources**

National Film Board of Canada  
Building 205  
Pleasantville  
St. John's, NF  
A1A 1S8

Films and video cassettes available for rent or purchase.

Instructional Materials Section  
Department of Education  
Building 951  
Pleasantville  
P.O. Box 8700  
St. John's, NF  
A1B 4J6

Films, videos, slides, filmstrips on loan (free of charge).

## **Periodicals**

*Art Education*                      National Art Education Association  
   1916 Association Drive  
   Reston, VA  
   22091  
   9 issues a year  
   (Covers current issues in art education)

***School Arts***

School Arts  
Printers Building  
Worcester, Mass.  
01608

9 issues a year

(A magazine for art educators in the classroom, primary to secondary levels.)

***Arts and Activities***

Publishers Development Corporation  
8150 North Central Park Avenue  
Skokie, Ill.  
60076

(Primary to secondary levels.)

***Art and Man***

Art and Man  
902 Sylvan Avenue  
Englewood Cliffs, N.J.  
07632

(For intermediate through senior high. Centrefold reproduction in each magazine.)

Art reproductions are often found in other educational magazines such as *The Instructor*.

A collection of art books, idea books, and books with large visuals can enrich an art program. Good deals can often be found on the sale shelves in book stores.

## **Children's Books**

Barrett, P. and Barrett. *The Line Sophie Drew/The Circle Sarah Drew*. Scroll Press, 1973.

Bond, J.C. *Brown Is a Beautiful Colour*. Franklin Watts, 1963.

Cohen, Miriam. *No Good in Art*. Dell, 1986. ISBN 0-440-46389-0

Fisher. *Boxes! Boxes!* Viking Press, 1984.

Hoban, Tana. *Is It Rough? Is It Smooth? Is It Shiny?* Greenwillow, 1984.

ISBN 0-688-03824-7

\_\_\_\_\_. *Cicles, Triangles, and Squares.* MacMillan, 1974. ISBN 0-02-744830

\_\_\_\_\_. *Dots, Spots, Speckles and Stripes.* Greenwillow, 1987. ISBN 0-688-06863-4

\_\_\_\_\_. *Is It Red? Is It Yellow? Is It Blue?* Greenwillow, 1978.

ISBN 0-688-84171-6

\_\_\_\_\_. *Red, Blue, Yellow Shoe.* Greenwillow, 1986. ISBN 0-688-06563-5

\_\_\_\_\_. *Round and Round and Round.* Greenwillow, 1983. ISBN 0-688-01814-9

\_\_\_\_\_. *Of Colours and Things.* Greenwillow, 1989. ISBN 0-688-07535-5

Johnson, Crockett, *Harold and the Purple Crayon.* Trophy, 1981. ISBN 0-06443022-7

Lionni, Leo. *Little Blue and Little Yellow.* Astor-Honor, 1981. ISBN 0-8392-3018-4

Lobel, A. *The Great Blueness and Other Predicaments.* Harper, 1968.

ISBN 0-06-023938-7

Newlands, Anne. *Meet Edgar Degas.* Kids Can Press, 1988. ISBN 0-921103-48-4

Pienkowski, Jan. *Shapes.* Simon and Shuster, 1989. ISBN 0671-68135-4

Reid, Barbara. *Playing with Plasticine.* Kids Can Press, 1988. ISBN 0-921103-41-7

Showers, Paul. *Find Out by Touching.* Harper, Crowell Jr. Books. ISBN 0-690-29782-3

## Learning To See

Bjork, Christina. *Linnea in Monet's Garden.* Farrar, Straus, and Giroux, 1987.

ISBN 9-12-958314-4

*Go In and Out the Window.* The Metropolitan Museum of Art. Holt, 1987.  
ISBN 0-8050-0628-1

Raboff, Ernst, Harper

Henri Toulouse-Lautrec, 1988. ISBN 0-397-32229-1

Albrecht Durer, 1988. ISBN 0-397-32216-X

Henri Matisse, 1988. ISBN 0-397-32221-6

Henri Rousseau, 1988. ISBN 0-397-32211-6

Leonardo da Vinci, 1987. ISBN 0-397-32218-6

Marc Chagall, 1988. ISBN 0-397-32222-4

Michelangelo, 1988. ISBN 0-397-32223-2

Pablo Picasso, 1987. ISBN 0-397-32224-0

Paul Gauguin, 1988. ISBN 0-397-32225-9

Paul Klee, 1988. ISBN 0-397-32226-7

Raphael Sanzio, 1988. ISBN 0-397-32227-5

Vincent van Gough, 1988. ISBN 0-397-32230-5

Pierre Renoir, 1987. ISBN 0-397-332217-8

Rembrandt, 1987. ISBN 0-397-32228-3

Diego Rodreguez, 1988. ISBN 0-397-32219-4

## Professional Resource Books

Burton, Leon and Kathy Kuroda. *Arts Play*, 1981. Addison-Wesley, ISBN 0-0201-00201-9

Carson, J. *Tell Me about Your Pictures*. Prentice-Hall, 1984. ISBN 0-13-903121-9

Chapman, Laura. *Approaches To Art Education*. Harcourt, Brace, Jovanovich Inc., 1978.  
ISBN 0-15-502896-0

Cherry, C. *Creative Art for the Developing Child: A Teachers Handbook for Early Childhood Education*. Fearon-Pilman, 1972. ISBN 0-8224-1630-1

Fein, Sylvia. *Heidi's Horse*. Exelrod Press, 1984. ISBN 0-917388-02-X

Gaitskill, C. D., and Al Hurwitz. *Children and Their Art; Methods for the Elementary School*. Harcourt, Brace, Jovanovich, Inc., 1982. ISBN 0-15-507299-4

- Gardner, Harold, *Artful Scribbles*, Basic Books, 1981. ISBN 0-465-00451-2
- Herberholz, Barbara and Lee Hanson. *Early Childhood Art* 3rd ed. Wm. C. Brown Publishers, 1985. ISBN 0-697-03249-3
- Herberholz, Donald and Kay Alexander. *Developing Artistic and Perceptual Awareness*. 5th ed., Wm. C. Brown Publishers, 1985. ISBN 0-697-03221-2
- Hurwitz, A. *The Gifted and Talented in Art: A Guide to Program Planning*. Davis Publications, 1983. ISBN 0-87192-143-X
- Linderman, Marlene. *Art in the Elementary School*, 3rd ed. Wm. C. Brown, 1984. ISBN 0-697-03317-9
- Linstrom, Miriam. *Children's Art*, University of California Press, 1974. ISBN 0-520-00752-2
- Lowenfeld, Viktor and W. Lambert Brittain. *Creative and Mental Growth*. Macmillan, 1987. ISBN 0-02-372110-3
- Wachowiak, Frank. *Emphasis Art: A Qualitative Art Program for the Elementary School*. Harper & Row, 1985. ISBN 0-06-046871-8
- Wankleman, Willard F., and Philip Wigg. *A Handbook of Arts and Crafts* 6th ed. Wm. C. Brown Publishers, 1985. ISBN 0-697-03606-5
- Wilson, Marjorie, and Brent Wilson. *Teaching Children to Draw: A Guide for Teachers and Parents*. Prentice-Hall, 1982.

## **Professional Associations**

Art Council of the N.T.A.  
c/o Newfoundland Teachers' Association  
3 Kenmount Road  
St. John's, Nfld  
A1B 1W1

The Canadian Society for Education Through Art (CSEA)  
3186 Newbound Court  
Malton, Ont.  
L4T 1R9

The National Art Education Association (NAEA)  
1916 Association Drive  
Reston, Va.  
22091

The International Society for Education Through Art (INSEA)

## **Suppliers of Art Materials**

### **Local**

M. Francis Kelly Ltd.  
5 Golf Avenue  
St. John's, Nfld  
A1C 5C5  
Phone: (709) 8273

Also check local office supply stores, department stores, etc.

## **National**

Atlantic Pottery Supplies  
P.O. Box 611  
Dartmouth, N.S.  
B2Y 3Y9  
Phone: (902) 466-6947

Brault & Bouthillier  
700 Beaumont Avenue  
Montreal, P.Q.  
H3N 1V5  
Phone: (514) 273-9186

Moyer's  
700 St. George Boulevard  
Moncton, N.B.  
E1C 8M7  
Phone: (506) 857-2983

## **Visuals**

Art Image Publications, Inc.  
P. O. Box 159, Stn. E  
Montreal, P.Q.  
H2T 3A7  
Phone: (514) 495-1222

Shorewood Reproductions, Inc.  
27 Glen Road  
Sandyhook, Conn. 06482  
Phone: (203) 426-8100

HBJ-Holt Canada  
55 Horner Ave.  
Toronto, Ont.  
M8Z 4X6  
Phone: (416) 255-4491