

UNIT 4 THE WORLD OF COLOR MATH BOOKS AND MATERIALS

Books for the Book Shelf/Reading Area:

The Jacket I Wear in the Snow (1994) by Neitzel (Big Book if possible)

Millions of Snowflakes (1998) by Siddals and Sayles

Any books about shape or color from the school library

Math Materials

Place in a center of your choice for the Unit. (Puzzles/Manipulatives, Discovery, etc.) to ensure that children can play and explore these tools and materials prior to large and small group activities.

Materials are from the suggested list of math materials for the *Math for ME* curriculum.

NOTE: This unit uses numerous templates for math games found in the Teacher Resources Folder online.

Ahead of time, please download and print on cardstock or paper for use during the unit. These can also be laminated if you wish. Games can be placed, along with manipulatives, on the math shelves for children to explore.

Learning Links

Color Stackers (Wooden Peg boards with different colored shapes that fit on the pegs.)

1 " Cubes

Dice or Die- 3 Dot, 6 Dot Large

2 Sided Counters or Buttons, suitable for using as game tokens

Foam Geometric Shapes

Color Spinners , such as come in children's games. You may cover a number spinner in color sections if you do not have a color spinner.

Color and Shape Bingo Set

Wooden, Plastic or Magnetic Letters and Numerals

Manipulatives sets of people and/or animals

Trays or Place Mats for designating individual work space, as needed

Number Cards 1-20

Color Name Cards (Teacher Materials)

Large Parachute for group play – Week 1 *See note on Activity Plan for alternative if no parachute available.*

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Teacher Materials and Supplies

Every Week:

Flip Chart and/or Large Graph Paper

Markers

100s Chart

Glue Sticks

Tape- plain or double sided

Week 1:

Sticky Dots in assorted colors

2 or 3 Large Photographs or Posters

Magazine pictures with easily identifiable colors OR photographs of the classroom, school, outdoors printed on copy paper

Large squares in colors to match parachute

Double sided or regular tape or butterfly clips for attaching the color squares to children's clothing

Background music

Week 2:

Dog's Day Grid Games, Bath Cards (See Teacher Resources)

Other Long and Short Path and Grid Games (See Teacher Resources)

Color cards matching the 9 colors in Dog's Colorful Day (Use from Color and Shape Bingo, old Candyland Game or create)

Color equations (formulas on paper strips- See example in Teacher Resources)

Glue Sticks and Construction Paper

Blank equation strips

Eye droppers

Diluted liquid water color or food color in gradations from dark to light

Small clear containers for paint, such as plastic cups or baby food jars

White paper towels

Absorbent paper such as newspaper

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Week 3:

Large paper for 4 seasons

Small 3 X 4 strips of Drawing or construction paper OR Paint sample chips

Pictures of the animals in Swan Harbor

Color Name Cards and Greater Less than Symbols

Regular or double sided tape

Markers

Week 4:

Shape Detective Badges (made from small cut outs of shapes)

Chart paper

Sacks/buckets – 1 per Group for LG

Shape Template And Shape Picture Template (Teacher Resources)

Shape Die – or cards with shapes for drawing

Week 5:

Color Data Chart, cumulative from Week 1 (or week of choice)

Photograph of Week 1 Color Data Chart for comparison

Assorted math games from Teacher Resources

Manipulatives, 2 sided counters or other game tokens