**GETTING STARTED CHECKLIST**

Here is a basic list of Mathematics Their Way materials, a beginning list of what to consider when setting up your classroom environment, and a list of additional materials specific to particular content areas. Depending on your grade level and school schedule, you will need to pick and choose the appropriate sections to use as a guide.

### General Materials
- ceramic tiles (500)
- chalk (cheap chalk is softer than dustless chalk for homemade chalkboards)
- chalkboards (class set)
- egg cartons (16)
- erasers for individual chalkboards (e.g., old socks)
- geoboards (16)
- geobands (large and small)
- jewels (in 5 different colors)
- junk boxes (16-20 partially filled for children to also collect items)
- mirrors (6 single and 6 double hinged)
- pattern blocks (750)
- pattern block shapes to duplicate (MTW Blacklines #2-6)
- pattern block templates (6)
- portion cups (200-300 1 oz. size)
- tiles (500)
- toothpicks (2-3 boxes, plain, flat)
- tubs for station materials (10) (MTW NL p. 1.8-1.9)
- unifix cubes (1000)
- wooden cubes (500 1" plain)
- film to take photos or use cum folder pics (make composite sheet to photocopy) (MTW Blackline #1)
- peppermint or lemon extract for rags
- vis-a-vis water color marking pens (12)
- rags (e.g., old washcloths) in containers or baggies

### Classroom Environment
**MTW NL pp. 1.1-1.12**
- Decide on the room arrangement (e.g., tables, floor stations, shelves, manipulatives, materials, classroom supplies, permanent stations)
- Decide on a meeting area.
- Label the shelves and materials
- Attach station labels (symbols) to both ends of the station tubs or containers
- Label the tables with station labels or hang from ceiling
- Set up part of the calendar (preferably near the meeting area). Add to the calendar as year progresses.

### Calendar
**MTW NL pp. 4.1-4.14**
- Adding machine tape for Days of School
- Teeth and birthday cakes (MTW Blacklines #25-#26)
- Additional calendar components to be gradually introduced

### Counting
**MTW pp. 88-113; MTW NL pp. 5.1-5.8**
- milk carton die with 0-5 dots (no numerals)
- pendulum (tie a string to paper punch or masking tape)
- puppet
- xylophone

### Free Exploration
**MTW pp. 1-17; MTW NL pp. 1.1-1.20**
- black work spaces (4" x 4")
- white work spaces (4" x 4")
- magazine pictures (MTW NL p. 1.1)
- shape cards (MTW NL p. 1.19)
- station activities (MTW NL pp. 1.19-1.20)

### Graphing and Sorting Materials
**MTW NL pp. 8.1-8.12**
- clothespins
- floor graph
- graphing boxes
- yarn

### Measurement Station (permanent area)
**MTW pp. 114-139; MTW NL pp. 7.1-7.32**
- box lid for “spill catcher” for measurement station
- calibrated jar
- common objects for weighing station
- label objects with word, symbol, or colored dot
- measurement materials (e.g., rice, beans, corn, etc.)
- milk carton scales (6)
### Measurement Materials (continued)
- more or less spinners (6-12)
- more/less/the same cards (MTW NL Blackline #53)
- paper funnels
- storage box for jars (e.g., old liquor store box with dividers)
- string sticks

### Money Materials
(See workshop handout.)
- coins: pennies, nickels, dimes, quarters
- dice: 1¢, 2¢, 3¢, 4¢, 5¢, 10¢
- money boards (optional)
- small magnifying glasses (optional)

### Number Activities
(MTW pp. 164-251; MTW NL pp. 10.1-10.26)
- Cheerios or Goldfish Crackers
- crazy mixed-up number cards
- dice (numeral, dotted, and + and -)
- equation cards (addition and subtraction)
- equation paper (2" x 6")
- lima beans (spray painted on one side)
- magic box
- magic box cards
- station activities (MTW NL pp. 10.25-10.26)
- subtraction flips
- sugar cube work spaces
- work spaces (6" x 8")

### Numeral Writing Activities
(MTW pp. 43-51; MTW NL p. 6.1-6.12)
- dot-to-dot templates
- geoboard numeral cards
- large numeral cards
- my turn, your turn gameboards
- number templates
- numeral writing dice
- numeral sequence cards
- rub over numerals
- salt box
- thick yarn for yarn numerals
- numeral writing papers (blackline in purple-green) (MTW Blacklines #8-16)

### Pattern
(MTW pp. 18-55 and 252-273; MTW NL pp. 9.1-9.16)
- capital letters and numeral cards
- dot pattern cards
- geoboard sequence cards
- geoboard-unifix cards
- individual snap and clap cards
- junk pattern cards
- macaroni
- material squares (6" x 6")
- pattern block walls and stands
- rubbing alcohol and food coloring for dyeing macaroni
- station activities (MTW NL pp.9.5-9.6)
- student dot strips
- teacher dot chart

### Place Value
(MTW pp. 274-325; MTW NL pp. 11.1-1.22)
- Bob's ditto dice (4, 5, 6, 7, 8, 9)
- dice (base 4, 5, or 6)
- dimes and pennies in coin tubes (2 sets)
- food items for Determining Prices (10-12)
- magazine pictures
- measuring object cards
- place value addition boards
- place value boards
- place value flips
- place value kit for independent work
- small containers of objects
- small containers (empty)
- star worksheet for place value boards
- station activities (MTW NL pp. 11.21-11.22)
- store items for The Store
- unifix stack gameboards