

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.

<p>General Materials</p> <ul style="list-style-type: none"> • 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 photo-copy) (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 	<p>Calendar (MTW NL pp. 4.1-4.14)</p> <ul style="list-style-type: none"> • Adding machine tape for Days of School • Teeth and birthday cakes (MTW Blacklines #25-#26) • Additional calendar components to be gradually introduced
<p>Classroom Environment (MTW NL pp. 1.1-1.12)</p> <ul style="list-style-type: none"> • 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. 	<p>Counting (MTW pp. 88-113; MTW NL pp. 5.1-5.8)</p> <ul style="list-style-type: none"> • milk carton die with 0-5 dots (no numerals) • pendulum (tie a string to paper punch or masking tape) • puppet • xylophone
	<p>Free Exploration (MTW pp. 1-17; MTW NL pp. 1.1-1.20)</p> <ul style="list-style-type: none"> • 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)
	<p>Graphing and Sorting Materials (MTW NL pp. 8.1-8.12)</p> <ul style="list-style-type: none"> • clothespins • floor graph • graphing boxes • yarn
	<p>Measurement Station (permanent area) (MTW pp. 114-139; MTW NL pp. 7.1-7.32)</p> <ul style="list-style-type: none"> • 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)

<p>Measurement Materials (continued)</p> <ul style="list-style-type: none"> • 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 	<p>Pattern (MTW pp. 18-55 and 252-273; MTW NL pp. 9.1-9.16)</p> <ul style="list-style-type: none"> • 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
<p>Money Materials (See workshop handout.)</p> <ul style="list-style-type: none"> • coins: pennies, nickels, dimes, quarters • dice: 1¢, 2¢, 3¢, 4¢, 5¢, 10¢ • money boards (optional) • small magnifying glasses (optional) 	<p>Place Value (MTW pp. 274-325; MTW NL pp. 11.1-1.22)</p> <ul style="list-style-type: none"> • 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
<p>Number Activities (MTW pp. 164-251; MTW NL pp. 10.1-10.26)</p> <ul style="list-style-type: none"> • 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") 	
<p>Numeral Writing Activities (MTW pp. 43-51; MTW NL p. 6.1-6.12)</p> <ul style="list-style-type: none"> • 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) 	