

RESEARCH MOBILES - SUPPLY PLANNER

Fill in the following chart to plan your supplies. If you need to order supplies, check out our Tools & Tech webpage with links for online ordering & current vendors: <https://www.eurekus.org/tools-tech-links>

Total Number of Students or Makers: _____

CRAFT & TECH SUPPLIES	#/MAKER	TOTALS	NOTES & ORDERING RESOURCES
Mobile Planner	1		Print our Horizontal and/or Vertical Mobile Planners depending on your design needs.
Main Bar - Coat Hangers, Long Dowels or Welding Rods	1		You can use coat hangers or dowels to make a long main bar for the mobiles. You can also get welding rods. The length needed is based on student designs.
Segment Bars - Coat Hangers or Bamboo Skewers	2-10/ mobile		You can use bamboo skewers to make simple segment bars. You can also use cut pieces of wire coat hangers. Recommend cutting into 8"-12" lengths.
Ferrules - Metal or Coated Paperclips	10-20/ mobile		You can use coated paperclips and beads to make simple ferrules. You can also bend and cut metal paperclips into more complex ferrules.
Tape - Masking Tape or Aluminum Tape	2		Use for attaching ferrules to segment bars and the main bar.
Beads - Pony and/or Decorative Beads	various		Use for securing ferrules to bars. Make sure the beads you get fit onto the dowels or coat hangers that you are using. You can also use beads to represent statistical math data.
Fishing Swivels	3-8		Get small fishing swivels to make your mobile bars spin. You will need at least 1 swivel per segment bar and 1 for your main bar. We like Barrel Fishing Swivels with safety snaps that open like a safety pin.
Florist Wire	3 pieces/ segment		Use thin florist wire to attach you symbols and characters to your segment bars. You will also use florist wire to attach segment bars together to make trees.
Paper	various		Get a variety of paper to make characters and symbols. You can use construction paper, scrapbook paper and cardstock.
Craft Items	various		You will want a variety of craft materials to design characters & symbols ~ pom poms, pipecleaners, googly eyes, felt, beads, cardboard, buttons, styrofoam balls, spools, ribbons, etc.
Small Re-purposed Items	various		You might also want an assortment of small, re-purposed items ~ small boxes, caps, lids, film canisters, etc.
Paint (Optional)	various		You can use paint for designing characters and symbols or to color wooden parts.

TOOLS FOR CLASS	NOTES: Adult Supervision Required For Tool Use
Scissors	
Hot Glue & Stick Glue	We recommend setting up a hot glue station with multiple glue guns.
Rulers & Pencils	
Needle Nose Pliers	Use for making ferrules and designing florist wire parts.
Tools To Cut Wood or Hangers	We recommend large wire cutters to cut hangers and wood. You can also use large pliers to straighten wire hanger bars.
Hole Punches	Get regular or adjustable leather punches.