Dream City (3-4)

Project Equipment (tools used throughout the week)

**REQUIRED:**
- 1 - Pair of scissors  
  (possible substitutions: duct tape, painters tape)
- 2 - Masking tape rolls  
  (possible substitutions: white glue, tape, tacky glue, etc.)
- 1 - Duct tape roll
- 1 - Glue stick  
  (possible substitutions: white glue, tape, tacky glue, etc.)
- 1 - Measuring tape, fabric or extendable  
  (possible substitutions: meter stick)
- 1 - Ruler, 12”
- 1 - Shoebox, plastic or cardboard  
  (possible substitutions: any container with similar dimensions to an average shoebox will do…)
- Coloring Utensils - (e.g. markers, crayons, colored pencils, colored pens, highlighters, etc)
- 2 - Pencils
- 1 - Eraser
- 50 - Flat metal washers - (to be used as testing weights, can be any size)  
  (possible substitutions: building blocks, pennies/coins, metal hex nuts, other relatively standardized items that can be used as weights)
- 3 - Heavy books - (e.g. textbooks, dictionaries, phonebooks)  
  (possible substitutions: unopened bottled water, cans of playdough/clay)
- Access to (black-and-white, i.e. does not need to be colored) printer  
  (possible substitutions: 3 sheets of graph paper)

**OPTIONAL:**
- 3 - Different action figures /plastic toys - (to be used as “residents” of your city)
- 2 - Toy cars
- Hair dryer or Small electric fan

Activity Supplies (things that could be used-up/incorporated into a project)

**REQUIRED:**
- 100 - craft sticks, jumbo
- 100 - drinking straws - (non-flexible kinds, ideal)
- 50 - sheets of A4 printer paper
- 20 - sheets of cardstock, any color  
  (possible substitutions: construction paper)
- 15 - sheets of construction paper, assorted colors - (highly recommend having a couple sheets of green, blue, and black for grass, water, and roads…)
- 1 - magazine - (ideally the more colorful the better)  
  (possible substitutions: fliers/brochures, wrapping paper, other colorful paper meant to be recycled)
- 4 - (thinner) cardboard boxes (e.g. cereal boxes, tissue boxes, gift boxes, etc.)  
  (possible substitutions: okay to use thicker cardboard - (e.g. Amazon boxes) - but students may need adult assistance in safely cutting/manipulating the thicker cardboard…)
- 45 - Paper or plastic cups - (ideally of assorted sizes anywhere between 4-16oz.)
- 10 - paper cups, small (2-3oz, such as a Dixie cup/disposable bathroom cups)
- 20 - Paper or plastic plates - (ideally of assorted sizes between 4”-9” in diameter…)
- 4 - 6”-12” Wooden dowels  
  (possible substitutions: unsharpened pencils, chopsticks)
• 1 - 2oz. can of playdough (possible substitution: modeling clay, air-dry clay, sticky tack, hot glue gun + sticks adult supervision needed to use hot glue)
• 50 - Pipe cleaners - (ideally assorted colors) (possible substitutions: twist ties)
• 1 - plastic propeller, 4-5” in diameter with 5mm center hole - (link is provided on Amazon Wishlist however only 1 propeller is needed for this camp so can choose to shop elsewhere for a single propeller so long as it satisfies the size requirements)
• 2 - wooden or bamboo skewer - (ideally 5mm in diameter and at least 8” long)
• 1 - (small) spool of cotton twine - (need at least 5’ length of string) (possible substitution: yarn, nylon string; if using provided bamboo skewers link then string is already provided)
• 2 - paper towel cardboard tubes (possible substitution: 3-5 toilet paper cardboard tubes)

OPTIONAL:
• 1 - large sheet of cardboard, approximately 20” x 30” in size - (can be used to stage projects and make students’ work more easily transportable)
• Washi tape and/or other decorative tape

**Link to Amazon Shopping List: IMSA Virtual Dream City (3-4) Camp Materials

If propellor on shopping list isn’t available, try one of these other options:
• alternative propeller option 1
• alternative propeller option 2