

**Supply List – STEM Interactive  
Week of 6/14 – 6/18**

**Monday: Math Monday’s Activities Supply List:**

1. *teach*HOUSTON STEM Interactive Journal (Ex: spiral tablet, composition book, or bounded loose-leaf paper)
2. [MEGA Math - Design a Roller Coaster - Junior High Edition](#)
3. [MEGA Math - Design a Roller Coaster - High School Edition](#)
4. Digital Roller Coaster materials can include:
  - Desktop computer, laptop, console, or mobile device
  - Roller coaster program (Ex: Minecraft or Roblox)
5. Physical Roller Coaster materials can include:
  - Ruler
  - Paper roll
  - Straws
  - Glue
  - Tape
  - Pool noodles
  - Marble or small ball
6. Optional Dig Deeper activities
  - Wax paper

**Tuesday: Life Science Tuesday’s Activities Supply List:**

Your Life Science Exploration Activity for Tuesday’s lesson can be built using common household materials **including, but not limited to**, the list presented below which provides ideas for materials that can be used.

1. Playdough
2. Clay
3. Scissors
4. Cardboard
5. Foam material
6. Paper
7. Poster paper
8. Writing utensils: pencil, pen, markers, colored pencils, crayons
9. Decoration items
10. Virtual apps: Minecraft, YouTube, sketching apps, etc.

**Wednesday: Physical Science Wednesday’s Activities Supply List:**

Your Physical Science Exploration Activity for Wednesday’s lesson can be built using common household materials **including, but not limited to**, the list presented below. This list is intended to provide ideas for materials that can be used but are not required. Any materials from your household can be used with adult approval.

1. Gum Drops

2. Marshmallows
3. Legos
4. Paper
5. Sticky notes
6. Ping Pong balls
7. Pompoms
8. Cotton balls
9. Toothpicks
10. Skewers
11. Spaghetti
12. Pipe cleaners
13. Pens
14. Pencils
15. Food Coloring
16. Color markers
17. Color pencils
18. Paint
19. Glitter

#### **Thursday: Engineering Design Thursday's Activities Supply List**

The prototype for your space rover can be built using common household materials **including, but not limited to**, the list presented below which provides some ideas and suggestions for materials that can be used.

#### **Suggested Space Rover Materials**

- Cardboard body (6-inch/15-cm square recommended, not required)
- Corrugated cardboard wheels (5-inch/13-cm square) (or CDs/DVDs)
- Sharpened round pencil.
- Rubber bands
- Ruler
- Tape
- Round hard candies (ex., Life Savers)
- Plastic drinking straw
- Scissors
- Hot glue or another adhesive

#### **Suggested Pulley Materials**

- String/yarn
- Wheel
- Platform to place an object on
- Object to pulley onto the rover

**Safety:** Please perform the space rover device drop transportation with adult supervision. Moreover, please have an adult present for the use of any sharp objects or hot glue during the build process.

**Friday: Earth and Environmental Friday's Activities Supply List:**

1. Measuring tape (or ruler)
2. 4 feet of yarn (you could also use rope, fishing line, or shoelaces)
3. 4 sticks (or heavy object to hold your yarn in place, like rocks or shoes)
4. STEM journal
5. Writing utensils to record data (pencils, pen, markers)
6. Timer
7. [Biodiversity in Grasslands Worksheet](#)
8. [Common Native Plant Species Handout](#)
9. Camera
10. Scissors
11. [Building Your Quadrat Activity \(optional\)](#)
12. Tape or glue
13. Tongs or tweezers
14. [Build Your Own Pocket Prairie Guide \(optional\)](#)