

# Junior Explorers “In the Construction Zone”



## Week 4 Materials

### Index

[Materials Prep](#)

[Module 10 Materials](#)

[Module 11 Materials](#)

[Module 12 Materials](#)

[Compiled Materials \(Modules 10, 11, & 12\)](#)

## In the Construction Zone Materials Prep

For each *Explore It* theme, we'll let you know what materials are needed for each module (each day) of the theme, and we'll also let you know if there's materials prep you can do before the themed week kicks off. Ideally it's great to do this prep together as a family!

Note that for nearly every activity, if you're missing a material or two, you'll likely be fine! These activities are designed to be flexible.

- The Sand Dough activity in Module 11 is messy. We recommend doing this activity outside or on a covered surface inside your home. It's also a good idea to wear a smock or "messy" clothes! If this activity is too messy for you-- pick one of your child's favorite activities from a previous module to do instead.
- Since we are doing a lot of activities that involve building this week, your child may need some extra space to work (either on the ground or at a table). This can look different depending on your family and your home situation-- maybe your child can work outside, maybe they need to clean their room to make more space, maybe you set aside a section of a shared space for them to work.

- The Marshmallow Structures activity in Module 12 works best with dried marshmallows. Empty a bag of mini marshmallows onto a cookie tray, and leave them out to dry for a day or two before the activity.

## Module 10 (Monday, July 27)

### Main Activities: Reflective Accessories & Build a Better Roof

#### *For Reflective Accessories:*

- Construction paper
- Cardboard scraps
- Tape
- Glue stick or regular glue
- Scissors
- Reflective and shiny materials:
  - [Glow-in-the-dark tape](#)
  - [Glow-in-the-dark stickers](#)
  - Tin foil
  - Strips of [mylar emergency blanket](#)
  - Washi tape or [iridescent tape](#)
  - Rhinestones, confetti, or glitter
- Hole punch
- Yarn or string
- Markers and crayons
- Scrap paper
- Stapler (for adult use)

#### *For Build a Better Roof:*

- A plastic bin or tupperware (approximately the size of a tissue box-- or larger)
- Watering can and water
- Materials for building (use whatever you have, here are some recommendations):
  - Tape
  - Scissors
  - Paper plates
  - Tissue paper
  - Construction paper
  - Straws, dowels, popsicle sticks, and/or coffee stirrers
  - Coffee filters
  - Waxed paper

## Module 11 (Tuesday, July 28)

### Main Activities: Sand Dough & Balls and Ramps

#### *For Sand Dough:*

- [Sand](#)

- [Shaving Cream](#) (the foamy kind, not the gel kind)
- Plastic container or tray for dough
- Suggested items to use when playing with dough:
  - Toy construction vehicles
  - Small sand toys and shovels
  - Building block toys, such as Legos or Duplos
  - Small plastic containers to use for filling
  - Rocks, sticks, shells
  - Kitchen items (spoons, spatulas, small bowls)

*For Balls & Ramps:*

- Scrap cardboard
- Paper towel, wrapping paper, or toilet paper tubes
- A towel
- Blocks
- Plastic cups
- Small toy cars
- Small balls
- Other round items from your home: cotton balls, food cans, etc.
  - Note: if you choose to use empty food cans, make sure that any sharp edges are removed or covered. It can also be fun to try cans with food in them!
- Masking tape

## **Module 12 (Wednesday, July 29)**

### **Main Activities: Cardboard City & Marshmallow Structures**

*For Cardboard City:*

- Small cardboard containers from your recycling bin (cereal boxes, tissue boxes, etc.)
- Larger pieces of cardboard (could be cut from larger boxes by an adult)
- Masking tape
- Scissors
- Markers, crayons
- Small toys (figurines, toy cars)
- Drawing supplies (markers, crayons)

*For Marshmallow Structures:*

- Mini marshmallows (dried before hand)
- Toothpicks
- Optional: paper and crayons, markers, or colored pencils

## **Compiled Materials, Modules 10, 11, & 12 (July 27-29)**

Compiled materials list for the week of July 27 (this is all the stuff needed for Modules 10, 11, and 12!)

- Construction paper
- Cardboard scraps
- Tape
- Glue stick or regular glue
- Scissors
- Reflective and shiny materials:
  - [Glow-in-the-dark tape](#)
  - [Glow-in-the-dark stickers](#)
  - Tin foil
  - Strips of [mylar emergency blanket](#)
  - Washi tape or [iridescent tape](#)
  - Rhinestones, confetti, or glitter
- Hole punch
- Yarn or string
- Markers and crayons
- Scrap paper
- Stapler (for adult use)
- A plastic bin or tupperware (approximately the size of a tissue box-- or larger)
- Watering can and water
- Materials for building (use whatever you have, here are some recommendations):
  - Tape
  - Scissors
  - Paper plates
  - Tissue paper
  - Construction paper
  - Straws, dowels, popsicle sticks, and/or coffee stirrers
  - Coffee filters
  - Waxed paper
- Sand dough recipe:
  - [Sand](#)
  - [Shaving Cream](#) (the foamy kind, not the gel kind)
  - Plastic container or tray for dough
- Suggested items to use when playing with dough:
  - Toy construction vehicles
  - Small sand toys and shovels
  - Building block toys, such as Legos or Duplos
  - Small plastic containers to use for filling
  - Rocks, sticks, shells
  - Kitchen items (spoons, spatulas, small bowls)
- Paper towel, wrapping paper, or toilet paper tubes
- A towel

- Blocks
- Plastic cups
- Small toy cars
- Small balls
- Other round items from your home: cotton balls, food cans, etc.
  - Note: if you choose to use empty food cans, make sure that any sharp edges are removed or covered. It can also be fun to try cans with food in them!
- Masking tape
- Small cardboard containers from your recycling bin (cereal boxes, tissue boxes, etc.)
- Larger pieces of cardboard (could be cut from larger boxes by an adult)
- Small toys (figurines, toy cars)
- Mini marshmallows (dried before hand)
- Toothpicks

Note that some of these items are considered “small parts” (shells, rhinestones, marshmallows) and could pose a choking hazard. Adult supervision required.