

# Explorers

## “In the Human Body”

### Week 6 Materials



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## In the Human Body 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.

- We recommend that all Explorers (age 7-10) use an Explorer Notebook across the *Explore It* experience. If you can, get one they can decorate themselves!
- In Module 15, Explorers will be doing various experiments to test four of their five senses (no tasting!) To play with the sense of hearing, we recommend that someone at home prepares five jars or containers (that are not see-through) with a different item in each container. Explorers will shake the containers to try and identify what is inside. Some material examples include paper clips, cotton balls, water, coins, and rice.

## Module 15 (Monday, August 10)

**Activities: Warm-Up, Test Your Senses, Engineering Air Powered Vehicle**

- 1 black marker
- 1 cup of vinegar
- 1 cup of water

- 1 Index card
- 2 drinking glasses
- 5 groups of items to put in containers to test your sense of hearing. Some examples include putting paper clips in one container, cotton balls in a second container, water in a third container, coins in another container, and rice in one more.
- 5 items around home to touch and describe
- Clock, timer, or stopwatch
- Explorer Notebook or a piece of paper (3)
- 5 identical (or very similar) jars or containers that cannot be seen through
- Miscellaneous craft items such as rubber bands, tape, glue, paperclips, index cards, construction paper, popsicle sticks, toothpicks, etc.
- Open floor space to exercise
- Pencil
- Recycled Materials, such as an egg carton, toilet paper or paper towel rolls, cardboard, bottles, containers, etc.
- Water to drink

## **Module 16 (Tuesday, August 11)**

### **Activities: Warm-Up, Engineering a Hand Grabber Device, Senses Illusions**

- 1 cup, small bowl, or something to help you draw a circle (about 3-6 inches / 8-15 centimeters size)
- 1 cup, small bowl, or something to help you trace a circle (about 2-3 inches / 5-8 centimeters size)
- 1 Penny
- 1 Piece of cardboard
- 1 Straw, dowel, pencil, or marker
- 2 Pieces of paper
- 2-3 objects to pick up, such as a small ball, cup or yogurt container, small toy, etc.
- 3 pennies (or 3 of the same type of coins)
- Assorted attachment materials, such as string or yarn, rubber bands, paper clips, brass fasteners, etc.
- Assorted craft materials, such as craft sticks, straws, pipe cleaners, index cards, etc.
- Explorer Notebook or a piece of paper
- Markers, crayons, or colored pencils
- Recycled materials, such as paper towel rolls, cereal boxes, yogurt containers,

etc.

- Ruler or measuring tape
- Scissors
- Tape
- *Optional: Utility knife*

## **Compiled Materials, Modules 15 & 16 (August 10 & 11)**

This is all the stuff you need for Modules 15 & 16!

- 1 Black marker
- 1 Cup of vinegar
- 1 Cup of water
- 1 Cup, small bowl, or something to help you draw a circle (about 3-6 inches / 8-15 centimeters size)
- 1 Cup, small bowl, or something to help you trace a circle (about 2-3 inches / 5-8 centimeters size)
- 1 Index card
- 1 Penny
- 1 Piece of cardboard
- 1 Straw, dowel, pencil, or marker
- 2 Drinking glasses
- 2 Pieces of paper
- 2-3 Objects to pick up, such as a small ball, cup or yogurt container, small toy, etc.
- 3 Pennies (or 3 of the same type of coins)
- 5 Groups of items to put in containers to test your sense of hearing. Some examples include putting paper clips in one container, cotton balls in a second container, water in a third container, coins in another container, and rice in one more.
- 5 Identical (or very similar) jars or containers that cannot be seen through
- 5 Items around home to touch and describe
- Assorted attachment materials, such as string or yarn, rubber bands, paper clips, brass fasteners, etc.
- Assorted craft materials, such as craft sticks, straws, pipe cleaners, index cards, etc.
- Clock, timer, or stopwatch
- Explorer Notebook or a piece of paper (4)
- Markers, crayons, or colored pencils
- Miscellaneous craft items such as rubber bands, tape, glue, paperclips, index

cards, construction paper, popsicle sticks, toothpicks, etc.

- Open floor space to exercise
- Pencil
- Recycled Materials, such as an egg carton, toilet paper or paper towel rolls, cardboard, bottles, containers, etc.
- Ruler or measuring tape
- Scissors
- Tape
- Water to drink
- *Optional: Utility knife*