

# a reason for Science



**Materials Kit • Level H**  
To order, see back →



## Weekly Materials List

The following items are needed for each week's "hands-on" activity. To save time and expense, an optional Materials Kit – with items listed below in bold – is available.

### Lesson 1

|              |                               |
|--------------|-------------------------------|
| balloons - 2 | yeast                         |
| sugar        | 20-oz. soft drink bottles - 2 |
| teaspoon     | water                         |

### Lesson 2

|                 |                           |
|-----------------|---------------------------|
| scissors        | plant identification book |
| newspaper       | white construction paper  |
| heavy cardboard | string or cord            |
| heavy books     |                           |

### Lesson 3

|                  |                |
|------------------|----------------|
| bag of creatures | sheet of paper |
|------------------|----------------|

### Lesson 4

|                   |                  |
|-------------------|------------------|
| pipette           | test tube        |
| craft stick       | plastic cups - 2 |
| plastic fork      | coffee filter    |
| salt              | rubber band      |
| denatured alcohol | distilled water  |
| clear shampoo     | kiwi - sliced    |
| measuring cup     |                  |

### Lesson 5

|                    |                       |
|--------------------|-----------------------|
| scissors           | blue yarn - 10 pieces |
| glue or glue stick | pink yarn - 10 pieces |

### Lesson 6

|                    |                       |
|--------------------|-----------------------|
| scissors           | pink yarn - 21 pieces |
| glue or glue stick | blue yarn - 7 pieces  |

### Lesson 7

|                    |                      |
|--------------------|----------------------|
| scissors           | blue yarn - 3 pieces |
| glue or glue stick | pink yarn - 9 pieces |

### Lesson 8

|                     |                             |
|---------------------|-----------------------------|
| 3x5 index card      | soft lead pencil            |
| clear adhesive tape | magnifying glass (optional) |

### Lesson 9

|                        |           |
|------------------------|-----------|
| chart                  | coins - 2 |
| sheet of paper (blank) |           |

### Lesson 10

|            |                      |
|------------|----------------------|
| steel wool | pencil (with eraser) |
|------------|----------------------|

### Lesson 11

|             |              |
|-------------|--------------|
| penny       | pipette      |
| toothpick   | water        |
| liquid soap | paper towels |

### Lesson 12

|                    |              |
|--------------------|--------------|
| thin wire          | block of ice |
| weights - 2        | tables - 2   |
| pan to catch drips |              |

### Lesson 13

|             |         |
|-------------|---------|
| rubber ball | goggles |
| ruler       |         |

### Lesson 14

|                 |                   |
|-----------------|-------------------|
| tape            | large rubber band |
| paper clips - 2 | nut and bolt      |
| plastic lid - 2 | coffee can        |

### Lesson 15

|               |        |
|---------------|--------|
| 9-inch string | hammer |
| ruler         |        |

### Lesson 16

|               |                  |
|---------------|------------------|
| rock          | cork             |
| can diet cola | can regular cola |
| tape          | bucket           |
| water         |                  |

### Lesson 17

|             |           |
|-------------|-----------|
| plastic cup | books - 2 |
| water       | paper     |

# ◆◆◆ continued from the front

## **Lesson 18**

|                 |                  |
|-----------------|------------------|
| toy cars - 4    | craft sticks - 4 |
| packing pellets | string           |
| egg             | ramp             |
| tape            |                  |

## **Lesson 19**

|                   |         |
|-------------------|---------|
| clear plastic cup | washer  |
| candle            | matches |
| aluminum pie pan  | water   |

## **Lesson 20**

|                       |                     |
|-----------------------|---------------------|
| rubber stopper w/hole | test tube           |
| test tube holders - 2 | pipette             |
| candle                | food coloring (red) |
| water                 | scissors            |
| matches               |                     |

## **Lesson 21**

|                |                    |
|----------------|--------------------|
| packing pellet | clear bottle & lid |
| iron filings   | rubber band        |
| magnet         | PVC Pipe           |
| pencil         |                    |

## **Lesson 22**

|       |      |
|-------|------|
| chalk | rope |
|-------|------|

## **Lesson 23**

|               |                   |
|---------------|-------------------|
| clay          | plastic container |
| gallon jug    | water             |
| food coloring | paper             |
| ruler         |                   |

## **Lesson 24**

|   |                  |
|---|------------------|
| streak plate  | penny            |
| steel nail  | microscope slide |
| rock specimens: rose quartz, amethyst, calcite, and magnetite |                  |

## **Lesson 25**

|  |                   |
|--|-------------------|
| pipette  | hydrochloric acid |
| iron filings                                   | paper             |
| plastic bag (optional)                         |                   |
| rock specimens: talc, pyrite, mica, and jasper |                   |

## **Lesson 26**

|             |                |
|-------------|----------------|
| toothpicks  | raisin cookies |
| paper plate |                |

## **Lesson 27**

|                   |               |
|-------------------|---------------|
| small paint brush | plastic spoon |
| paper cup         | cardboard box |
| ruler             | graph paper   |
| bones - 5         | sand          |

## **Lesson 28**

|               |            |
|---------------|------------|
| UV beads      | egg carton |
| clear plastic | cardboard  |
| sunblock      |            |

## **Lesson 29**

|                      |              |
|----------------------|--------------|
| glass test tubes - 2 | container    |
| test tube holder     | paper towels |
| mineral oil          |              |

## **Lesson 30**

|                 |       |
|-----------------|-------|
| sound pipes - 7 | paper |
|-----------------|-------|

## **Lesson 31**

|                     |             |
|---------------------|-------------|
| trash bag           | paper clips |
| poster board strips | stapler     |
| hair dryer          |             |

## **Lesson 32**

|  |               |
|--|---------------|
| insulated wires - 3  | tacks - 2     |
| D-cell battery   | small bulb    |
| clothespin   | pencils - 2   |
| tape   | aluminum foil |
| samples: nail, paper clip, plastic fork, rubberband, toothpick, and washer |               |

## **Lesson 33**

|            |           |
|------------|-----------|
| lab scale  | paper cup |
| bubble gum |           |

## **Lesson 34**

|                   |            |
|-------------------|------------|
| Styrofoam® tray   | flex straw |
| straight pins - 4 | balloon    |
| ruler             | scissors   |
| tape              |            |

## **Lesson 35**

|               |                |
|---------------|----------------|
| test tube     | copper sulfate |
| solid stopper | iron filings   |
| paper towel   | water          |

## **Lesson 36**

|                    |              |
|--------------------|--------------|
| goldenrod paper    | paper towels |
| ammonium hydroxide | pencil       |
| water              |              |