

# day 3: PAPER FUN



## *activities*

watercolor houses  
thaumatropes  
paper circuits

## *station*

newspaper structures

## *snack*

seaweed rolls

## *game*

rock, paper, scissors tag



## materials

- Watercolor Paper
- Cardstock
- Scissors
- Bamboo Skewers
- Tape/Glue Stick
- Pipettes/Paintbrushes
- Pens
- Xacto Knife
- Liquid Watercolors/Food Coloring
- 1/4" copper tape
- CR 2032 coin cell battery
- 5 mm LED bulb
- Newspaper

## prep

### The Day Before Camp:

- Print out templates for each participant.
- Clear off a large work area and cover with butcher paper if desired.
- Gather materials for each project and distribute them on three separate trays.
- **Snack Prep:** Make rice and chill in refrigerator.

### Day of Camp:

**Watercolor Houses:** Mix watercolors/food coloring with water in separate containers.

**Newspaper Structures:** Make a few sample tubes out of newspaper and form them into a triangle at the station for reference.

**Snack:** Slice cucumbers.



# activity 1: WATERCOLOR HOUSES

difficulty level



## materials

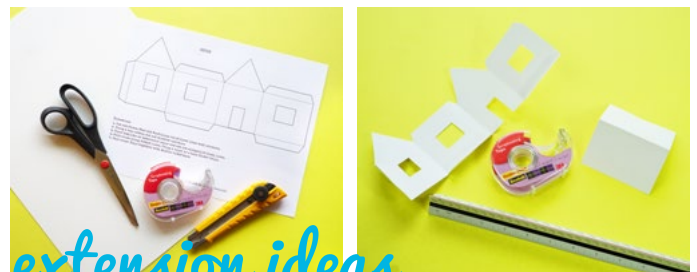
**Watercolor Paper\***  
**Cardstock**  
**Scissors**  
*(Adults only)*  
**Tape/Glue Stick**  
**Liquid Watercolors**  
**or Food Coloring**  
**Pipettes**

*\*Cardstock may be substituted for the watercolor paper in the entire project, however please note it is less absorbent.*

## what's the steam?

These houses show how 2-D shapes can transform into 3-D forms which develops math skills and is an important tool for engineers and architects.

The watercolor drip painting showcases the effects of gravity on the creative process.



## extension ideas

- Use squirt guns to paint the house!
- Play house painter and be more exact with the painting.
- Assemble a group of houses into a village.

## more

### Suggested Reading:

*Iggy Peck, Architect*  
*Animal Architects, Amazing Animals*  
*Who Build Their Homes*  
*Roberto, the Insect Architect*

### Watch:

[Timelapse House Build](#)  
[Cardboard Play House & Slide](#)



# instructions

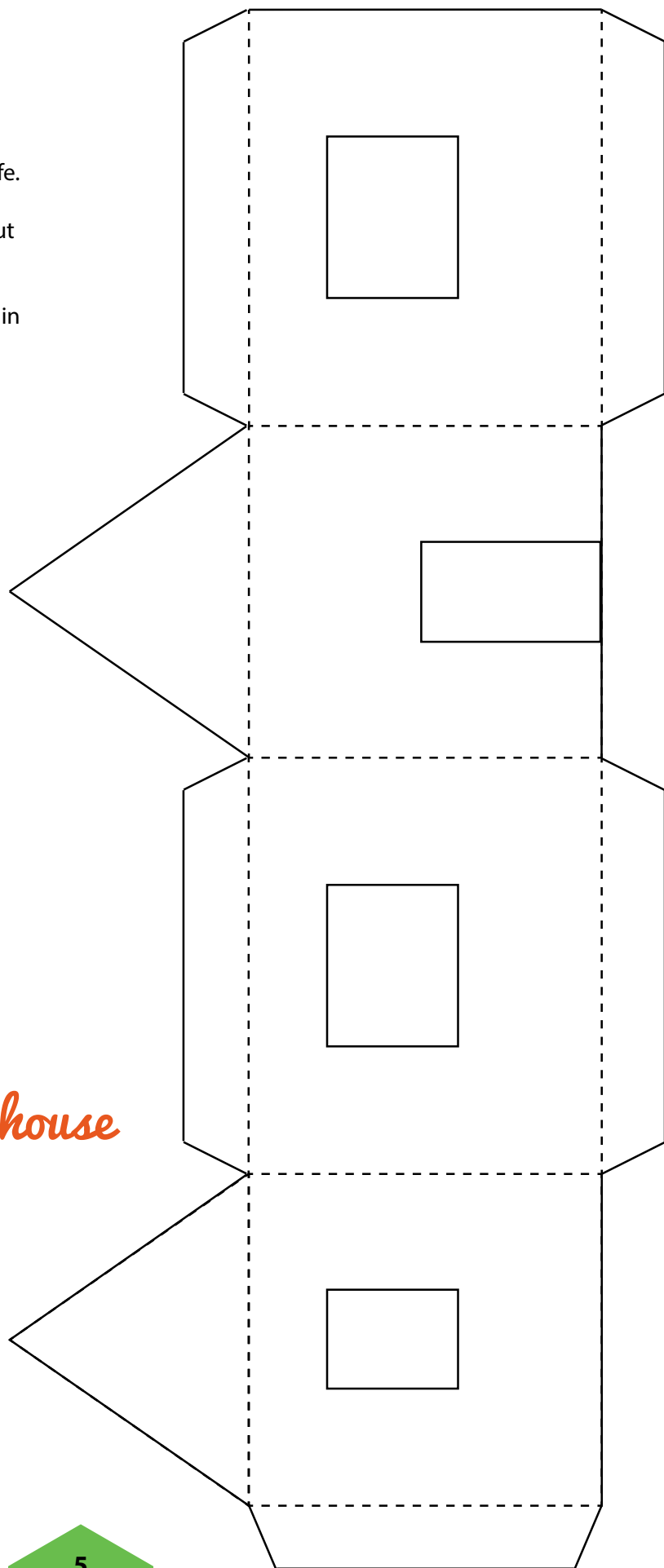
## Build the Paper House

- Print the templates. Cut along the solid lines. Adults may cut the windows with an Xacto knife.
- Trace the templates onto the watercolor paper and cut out along the solid lines. Adults may cut windows if desired.
- Fold your house at the tabs where the dotted line would be (refer to the template). Fold roof in half along center line.
- Tape/glue the roof and walls together at the tabs. Tape the house to the base.

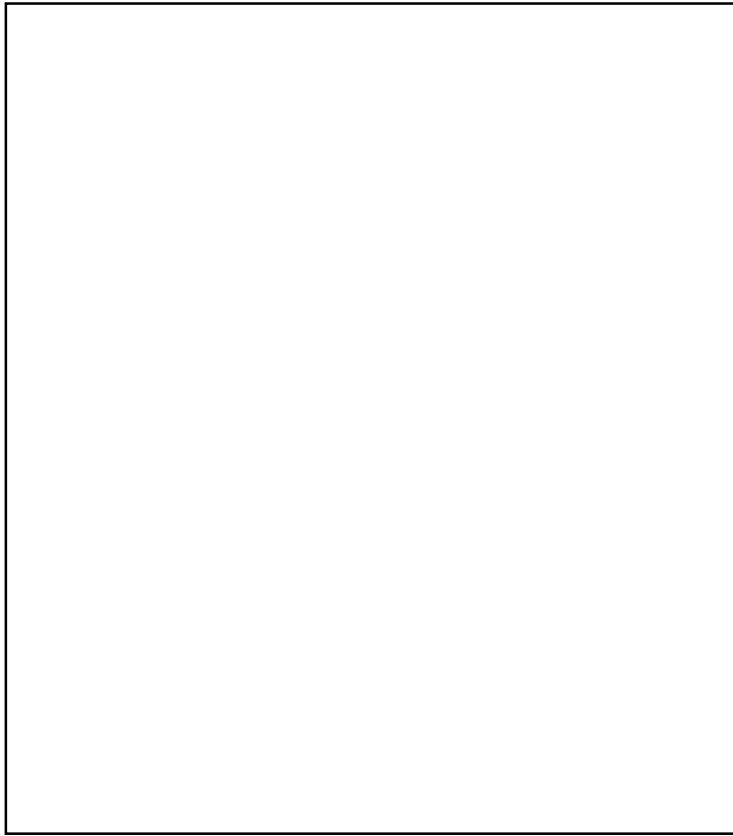
## Color the House

- Place liquid watercolors or food coloring in small containers.
- Use pipettes or brushes to drip, splatter and brush the paint on the houses.

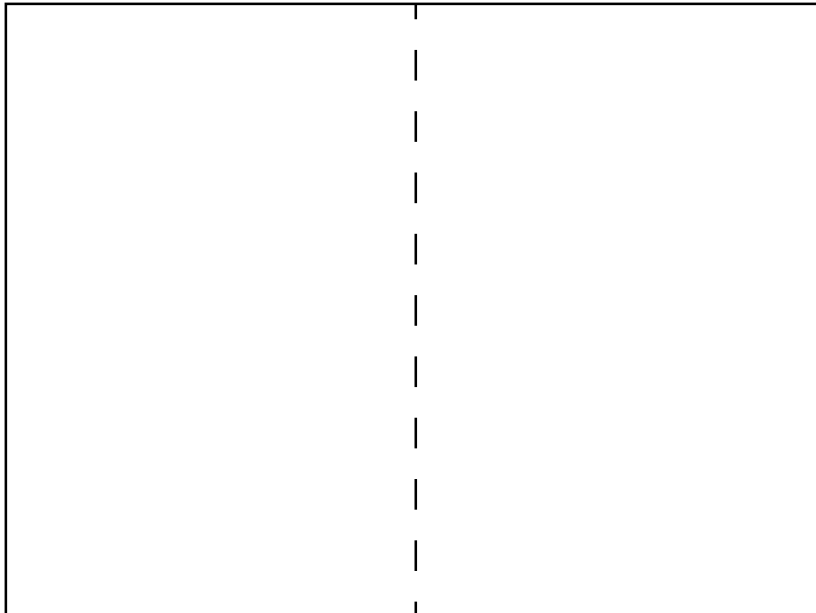
house



base



roof





## *camp* **STEAM** OVERVIEW

*digital guides* } Camp Activity Planner  
Camp Success Guide  
Printable Activities

*support* } Facebook Live Demos  
Private Facebook Group

## *camp* **STEAM** KEY DATES

*june 14* } Camp STEAM Guide  
emailed to participants

*july 17-21* } Camp STEAM Session 1

*july 31-aug. 4* } Camp STEAM Session 2

*august 14 -18* } Camp STEAM Session 3

*one week prior to each session will  
be a prep week with live support*

