

# THE HOUSE THAT SHE BUILT

## Think Like An Engineer!



**Age Recommendation:** All ages!

**Object:** Engineers make structures strong and safe. Build a structure that can withstand the weight of a water balloon.

**Instructions:** Build the strongest spaghetti house that can support the water balloon using only the resources provided.

**Materials:** 1 water-filled balloon the size of a mango, one small box of dried spaghetti noodles, one roll masking tape

### Tips/Variations:

- Take away a team member part way through
- Implement no talking
- Allow teams to share or trade resources
- Give a time limit and make it a race
- This activity can also be done with any materials available (ex. cups, popsicles, sticks, tape, etc.)!



### Processing Questions:

What was easy about this project?

What was a challenge?

Do you have a favorite material you used to build the house?

Creativity and art are part of many skills that go into building a home. Choosing materials that are strong is so important!



# THE HOUSE THAT SHE BUILT

## Building Me

**Age Recommendation:** 13-15, 16+

**Object:** All parts of a house are important and unique just like you! Draw a house using words and answers that represent who you are.

**Materials:** Paper & Drawing Utensils

**Instructions:** The foundation is what keeps a house standing. In the foundation, write a word that represents who you are.  
Ex. Strong, Resilient, Creative, etc.

The walls frame the house. On the walls, write ways that you can support your foundation.

The roof gives you shelter. On the roof, write the people and or organizations that make you feel protected.

The chimney releases smoke from your fireplace. On the chimney, write or draw something that helps you relieve stress.

The door allows you to go in and out of the house. On the door, write something you are looking forward to in the future.

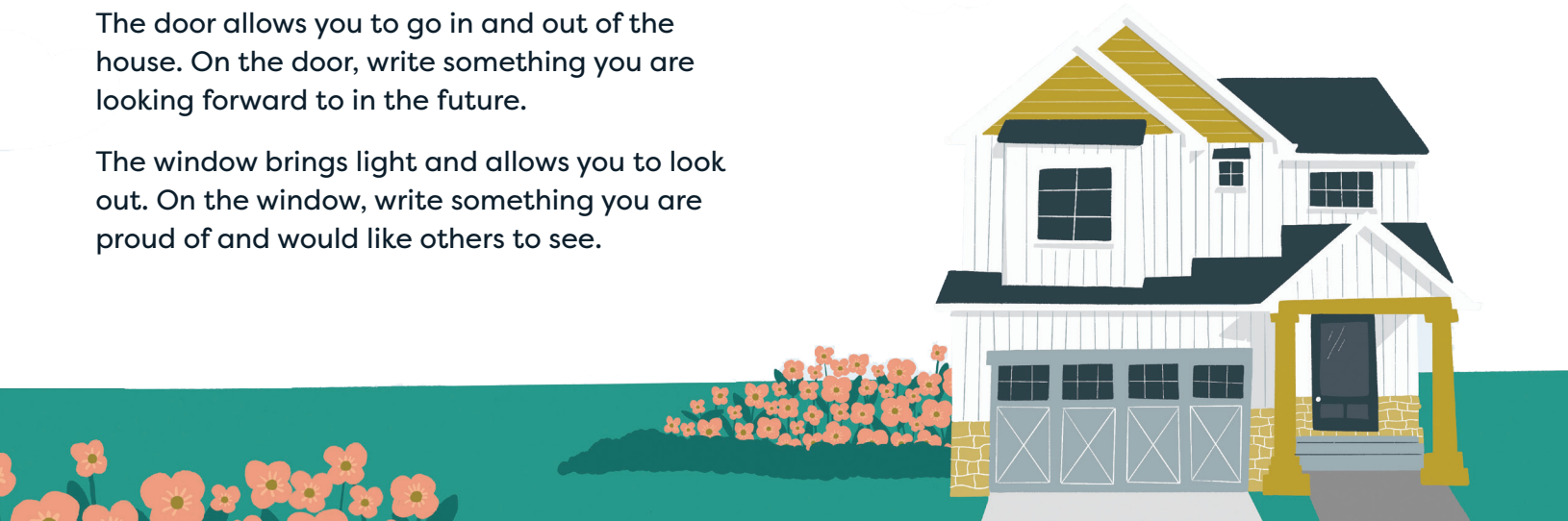
The window brings light and allows you to look out. On the window, write something you are proud of and would like others to see.

### Processing Questions:

Reflect on all of the words you wrote down in your house...

What does your dream life look like?  
How can you use these words to build your future and be the best version of yourself?

What words are qualities that you admire most about yourself?



# THE HOUSE THAT SHE BUILT

## Construction Snack-tivity

**Age Recommendation:** 6-9, 10-12

**Object:** Building requires creativity, problem solving, and ENERGY. Build your edible house to share with the group and then enjoy! Yum!

**Materials:** Anything Edible!

**Instructions:** Using edible materials available, create a house. Your house can lay flat on a table or it can be 3 dimensional.

**Tips/Variations:**

- Give a limited amount of time to build their houses.
- This activity can be completed with a variety of edible materials (ex. graham crackers, marshmallows, pretzels, etc.).
- Allow teams to share or trade resources.
- When time is up, groups can vote on their favorite house.

**Processing Questions:**

Do you have a favorite material you used to build the house?

Can you count how many different snacks you used to build your house?

Lots of materials are used to build a house!

