

# BETHEL 4-H

# LEGO STRAW CONSTRUCTION

## SUMMER 2020

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Grade Level: K-6  
Week of: 6/1/2020  
Time: 30 minutes or more

## OTHER RESOURCES

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Visit our website at  
<http://www.alaska4h.org/bethel.html> for more activities and resources.

Facebook: Bethel 4-H  
Instagram: Bethel Alaska 4-H  
Email: [uaf-bethel4h@alaska.edu](mailto:uaf-bethel4h@alaska.edu)

### Weekly Challenge:

Send us a photo of your wreath via email, or social media. All submissions will receive a prize.

## OVERVIEW

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Hey 4-H'ers! We hope you all are having an amazing start to Summer! We are sad to see that camp is not in session, but we will continue to bring 4-H to you with our At-Home Kits. We hope you enjoy this fun STEM project using your very own Lego's to keep!

## DESCRIPTION

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USING LEGOS AND STRAWS YOU WILL BECOME AN ENGINEER AND CONSTRUCT SKYSCRAPERS AND OTHER PROJECTS OF YOUR IMAGINATIONS CHOICE TO PRACTICE USING YOUR MOTOR SKILLS, AND ENGINEERING TALENTS!

## GOALS AND REFLECTION

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1. Practice your motor skills and designing techniques.
  2. Learn how to build architectural structures.
- How many different structures could you create out of the Legos provided?
  - How did you make the best use of the straws as pillar supports to your project?



## 4-H: Your First Class at UAF

### PLEDGE TIME: [Member Lead]

Traditional model: United States pledge, State pledge (if you choose), 4-H Pledge

Bethel model: 4-H Pledge, United States Pledge, Alaska Pledge

### The 4-H Pledge:

*I pledge my HEAD to clearer thinking, my HEART to greater loyalty, my HANDS to larger service, my HEALTH to better living, for my club, my community, my country and my world.*

### DO & COMPLETE THE ACTIVITY

#### ASK QUESTIONS: (samples) [member/parent lead]

Did you like doing this project?

What things did you like (or not like) doing?

Why, why not?

How did you start \_\_\_\_\_?

If you could change something about this project, what would you change?

What is something you learned from doing this project?

Do you think it was helpful to learn this project in a group?

Would you like to learn more about \_\_\_\_; Would you like to do something like this again?

Did someone help you with this? How did they help you?

Did you help someone? How?

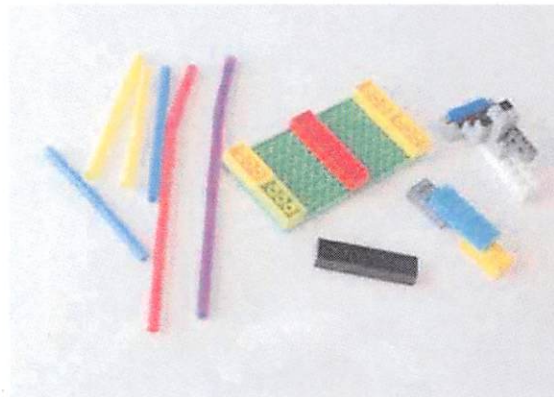
#### CLEAN UP, PUT AWAY SUPPLIES [member lead]

#### THANK YOUR HELPERS! [member lead]

# Straw Construction

## Materials / Supplies

- Various bricks that are 2 studs wide, the longer the better
- Drinking straws
- Small baseplates



## Instructions

1. Trim the drinking straws to various lengths. Make sure some match each other.
2. Attach several bricks to the bottom of the small baseplate and lay the baseplate upside-down on the work surface.
3. Show your child how the straws can stick onto the round parts of the bottom of the bricks.

Skills:  
Engineering, Fine Motor

