

StJP2 Family STREAM Challenge: Fun with PEEPS

Peeps and Easter...they go together. But what do you do with Peeps if you don't eat them? Try one of the Peeps STREAM Challenges. Have fun and be creative!



Watch this video of how Peeps are made from the company that makes them:

 [PEEPS Factory Tour](#)

STREAM Challenge: Try one or try them all. Click on the link to take you to the STREAM Challenge.

[Parachuting Peeps](#)

[Catapult a Peep](#)

Meaning of Easter using Peeps Playdough

Parachuting Peeps

Challenge: Create a parachute that allows a Peep to safely land from at least a 6 foot height.

Suggested Materials

- Peeps
- Tissue paper, plastic bag, or other material
- Scissors
- Ruler
- Tape
- Hole puncher
- Twine

What to do

- 1) **Ask:** Define what problem you need to solve. What are the limits in solving the problem?
- 2) **Imagine:** Brainstorm (think about) ideas of what might be the best material for a Peep to safely land using a parachute.
- 3) **Plan:** Make a sketch and come up with a solution on how to create your parachute. Decide what materials to use to create your parachute and how you'll attach the Peep to the parachute..
- 4) **Create:** Build your Peep Parachute. Get creative!
- 5) **Test:** With your parent's help, drop the parachute from at least six feet above the ground. If you have a second story in your house, get someone to help you drop the Parachuting Peep.
- 6) **Improve:** Adjust or change anything that is needed to make sure your Peep Parachute solves the STREAM challenge.
- 7) **Share:** Take a picture or video of your Parachuting Peep to share on social media using the hashtag #StJP2STREAM. Or send your picture or video to communications@jp2.org for us to share on StJP2 social media.

Catapult a Peep

Challenge: Build a catapult to launch a peep into an Easter basket.

Suggested Materials:

- Straws
- skewers
- popsicle sticks
- wood blocks
- aluminum foil
- Washi tape
- duct tape
- glue
- toothpicks
- rubber bands
- twist ties
- zip ties

What to do

- 1) **Ask:** Define what problem you need to solve. What are the limits in solving the problem?
- 2) **Imagine:** Brainstorm (think about) ideas of what might be the best material for a catapult that can launch a Peep into an Easter basket.
- 3) **Plan:** Make a sketch and come up with a solution on how to create your catapult. Decide what materials to use to create your catapult and how the Peep will launch into the basket..
- 4) **Create:** Build your Peep Catapult. Get creative!
- 5) **Test:** Try out your catapult with a peep. Did it make it into your Easter basket?
- 6) **Improve:** Adjust or change anything that is needed to make sure your Peep Catapult solves the STREAM challenge.
- 7) **Share:** Take a picture or video of your Catapulting Peep to share on social media using the hashtag #StJP2STREAM. Or send your picture or video to communications@jp2.org for us to share on StJP2 social media.

Need some visual help to get you started? Check out this video from Science Buddies:

 [How to Make a Popsicle Stick Catapult](#)

Meaning of Easter using Peeps Playdough

Challenge: What does Easter mean to you? Create 3D models or items of what Easter means to you using Peeps Playdough. In this challenge, you'll have directions to make Peeps Playdough (you may need your parents' help). The creativity comes with the items you make.

Materials (per playdough batch):

- 5 Peeps
- 3 Tablespoons of flour
- 1 Tablespoon of Crisco or any brand of vegetable shortening
- Microwave safe bowl
- Microwave
- Item to stir mixture

Making Peeps Playdough (You may need your parents' help with this.)

- Place the 5 Peeps, flour, and Crisco in a microwave safe bowl for 30 seconds.
- Remove from the microwave and stir. If you prefer another color besides the pastel color, add some food coloring.
- Let cool for 30-60 seconds.
- Take out of the bowl and squeeze (knead) the dough in your hand to make a doughy ball
- Now the Peeps Playdough is ready to use.
- *Note: Peeps Playdough may be stored in a baggie. To soften the Peeps Playdough, place in microwave for 5-10 seconds.

What to do

- 1) **Ask:** Define what problem you need to solve. What are the limits in solving the problem?
- 2) **Imagine:** Brainstorm (think about) ideas of what Easter means to you.
- 3) **Plan:** Make a sketch and come up with a solution on how to create your 3D models or items about Easter.
- 4) **Create:** Build your Easter item. Get creative!
- 5) **Test:** Try out your model using Peeps Playdough. Were you able to make your model or item with one batch of Peeps Playdough?
- 6) **Improve:** Adjust or change anything that is needed to make sure your Peeps Playdough solves the STREAM challenge.
- 7) **Share:** Take a picture or video of your Catapulting Peep to share on social media using the hashtag #StJP2STREAM. Or send your picture or video to communications@jp2.org for us to share on StJP2 social media.

Have fun and don't forget to share! Have a blessed, happy Easter!