

Turkey Egg Drop

Safety tips: Parents must closely supervise this activity. Be sure to cover your workspace with paper towels, newspapers, or an old tablecloth.

Items you will need: Materials that you picked up from library, one uncooked egg, household glue (elmer's glue is fine), newspapers, foil, or other items that can be used to cushion the egg.

Predictions:

Please think of these questions prior to starting. What materials will cushion the egg best?

Makerspace steps:

- 1- Cover workspace.
- 2- Build your turkeys. Let the eggs sit out at room temperature until they stop sweating. Use the construction paper to create the turkey parts. Glue on a waddle, beak, googly eyes, and feathers. Get as creative as you would like here- they are your turkeys!
- 2- Allow the turkey to dry for an hour or more.
- 3- Give your new friend a name. It is now time to create a cocoon or cushion for your turkey egg, using the various materials. Put it in the plastic bag provided. You can also build a cage with the tongue depressor sticks provided. The bag will hold everything in place in case it gets messy. Once you secure your egg and cocoon in the bag, drop your turkey egg from different places inside your home and outside as well. The idea is to try to cushion the egg in the bag enough to prevent it from breaking during the drops. Be creative.

Drop it on hard surfaces as well as soft. Did you add enough cushioning? If not, add more using various household items.

6- Share your work! Send a picture of your creation and your prediction findings to Mrs. Stephanie at scuzzo@eipl.org.

Additional Resources

Books available at our library!!

Branley, Franklyn. **Gravity is a Mystery.** J 531 BRA

Keppler, Sam. **The Unofficial Guide to Engineering in Minecraft.** J 794.8

Schuette, Sarah L. **10-Minute Engineering Projects.** J 507.8 SCH

Schuette, Sarah L. **10- Minute Science Projects** J 507.8 SCH

Websites:

I Want To Be An Architect! Kid's Dream Jobs

<https://youtu.be/zvewCudtFZs>

Architect Adventure:Crash Course Kids

<https://youtu.be/DkJLbCCI6Zs>

