



STEM Activity-

Jack and the Beanstalk Fairy Tale Challenge

Enjoy the Story- *Jack and the Beanstalk*

<http://www.viewpure.com/9q1dfTOoSrA?start=0&end=0>



The Challenge: Create Jack's Golden Egg Delivery Service

Design a Golden Egg Delivery Service using various materials. Then test your design by dropping the egg from a table or desk.

Here are some basic criteria:

- The container **must** enclose the egg somehow
- The egg **must** be able to be removed
- The egg **must** remain intact after the drop (minimal cracks are ok) :)

**** You can name your creation!****

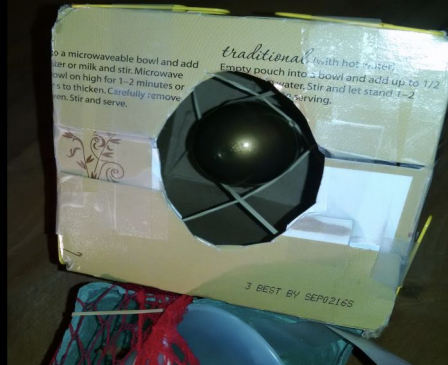
Materials and Helpful Hints:

For this challenge, you will need:

- **Egg(s) - suggestions**
- **Plastic Easter-type eggs with something inside**
- **Bouncy ball**
- **Hard boiled eggs if you don't have food allergies**
- **Egg cartons, cups, cardboard tubes, or cardboard container**
- **Tape or glue**
- **A cushioning material, such as water balloons, cotton balls, bubble wrap, air pillows(as found in packing materials)**
- **Plastic bags and string if your students want to make a parachute for the egg (better for higher drops)**
- **The container height of about 6"**

Optional: * decorations for the container such as stickers
* markers to write a sign advertising the service

Jack's Golden Egg Delivery Service Samples:



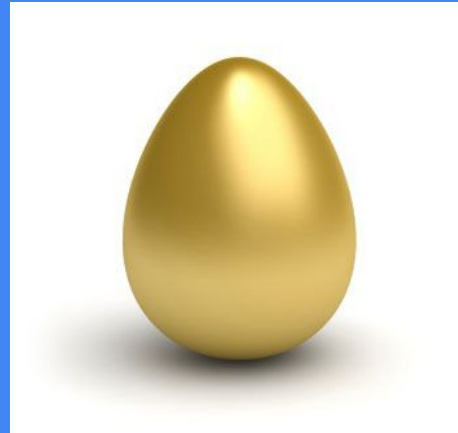
Padding – balloons, air packing, rubber bands, and netting!



Jack's Golden Egg Delivery Service checklist for success

Name: _____

- I came up with two or more ideas.
- I planned my idea with a picture and/or words.
- I created a model based on my idea.
- I tested out my model.
- I improved my model if it needed improving.
- I worked hard on this challenge.



Send Us Pictures!

Your STELLAR teachers want to see your pictures!

Please email pictures of your **Golden Egg Delivery Service** to your school STELLAR teacher.

School	STELLAR Teacher	Email Address
Covert	Mr. Figaro	cfigaro@rvcschools.org
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