Hello!

In the next few days your student will be working to complete some STEM challenges at home. Below you will find five different challenges for your student to pick from. Please allow them to pick FOUR to complete. Be sure to record your experience (using pictures & words) and post it on Flip Grid. The link to access our class Flip Grid is https://flipgrid.com/5d5fa381 . You can also scan the QR code with the camera app on your iPhone! This link will allow you access to our class Flip Grid, scroll down to the big green button at the bottom of the page. Click on it, it will prompt you to enter your first and last name. There is no need to enter an email address. Hit the "Lets go" button and a screen will pop up that allows you to record a video. In this video you will show us your challenge and tell us how it went. Once that is complete you will take a Selfie and click submit. Finally, you can add your name and submit your video!

This video is a walk-through step by step that shows you how to use Flip Grid! As always, if you have any question please don't hesitate to reach out! I can not wait to see all your AWESOME creations!

Recording #3.mp4	

- Mrs. MacDonald & Ms. Oudt

The Challenge: what can you build with recycled cardboard boxes?

Build a structure, toy, invention, etc. using recycled cardboard boxes as your main building material. You can use other materials to adhere & bind boxes together, or to decorate your final project, but it should be mostly constructed using boxes.

When your cardboard creation is complete, please take a few minutes to record your project in the class scrapbook to share and celebrate your work with other families!

Considerations:

Some things to consider

*be sure boxes are clean before

*other cardboard products (such

before starting ...

as cardboard rolls or box

dividers) could also be used

*be careful cutting! Thick

cardboard can be tricky to

cut...be sure an adult helps!

using them

Materials: You'll need to gather these materials at home!

*Cardboard boxes (hint: ask at local stores for bigger or different boxes!) *glue, tape, staples, etc *markers, coloured paper, fabric, etc. to decorate your final product (optional)

A Few Final Thoughts: Just a few more things before you get started

*projects can be as large or as small as vou'd like

*check out Google or Pinterest for project ideas...the only limit is your imagination!

*have fun working together to decide on a project and complete your cardboard creation together...what you create isn't as important as how you create it...as a family, having fun together!

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What skills are You building?

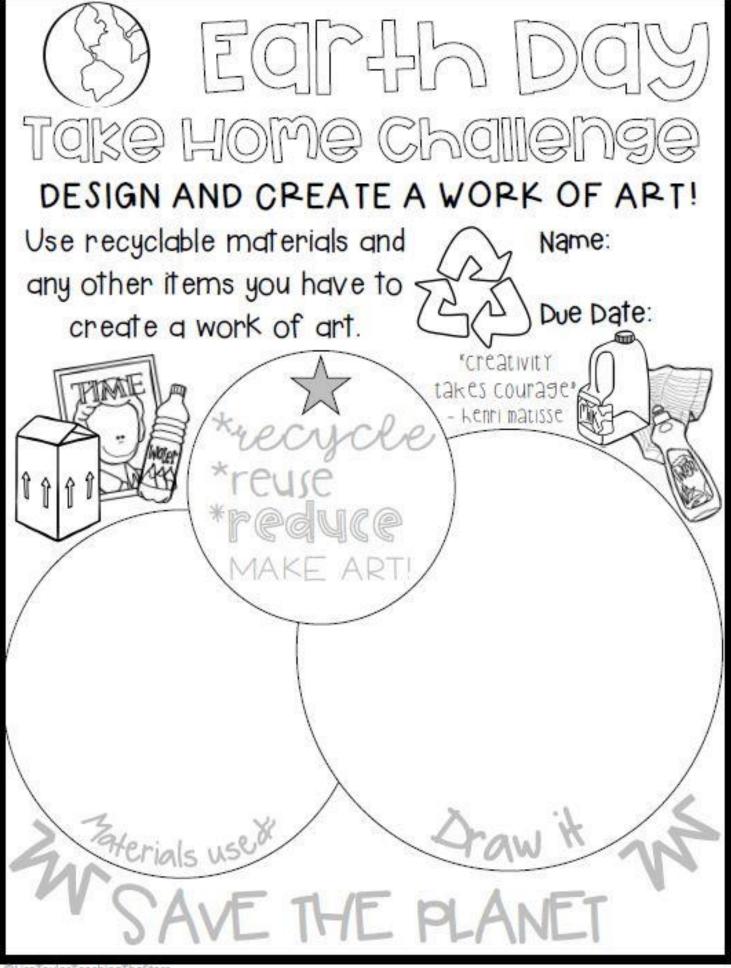
Problem Solving Ø

Science & Engineering



Perseverance

Recycling 0



CLisaTaylorTeachingTheStars



The Challenge: How far can you fly a paper airplane?

Try folding & flying different kinds of airplanes. How far do they go? Which one goes the farthest? Can you adjust your plane to make it go farther?

Try using different materials to change your plane. How do the changes affect the way it flies?

Considerations:

Some things to consider

*you'll need to decide a few

things together: Which paper

will you use? Where and how

*be sure to fly your plane in a

safe area (try flying it in different

areas: does it make a difference

to how your plane performs?)

before starting ...

will you fly your plane?

Materials: You'll need to gather these materials at home!

*paper (you may wish to use a few different kinds!)

*markers, stickers, etc. to decorate your plane (optional)

A Few Final Thoughts: Just a few more things before you get started...

*planes can be as simple or fancy as you like...there are many samples and instructions in books & on the Internet if you wish to research

*try adding a small weight (such as a coin) to your plane; does it make a difference? If you change the location of the weight, how does it change the plane's flight?

*try having a paper airplane contest... whose plane flies the farthest?

What skills are you building?

Creativity

Science & Engineering

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Perseverance

Recycling

