

LMSD ELEMENTARY STEM

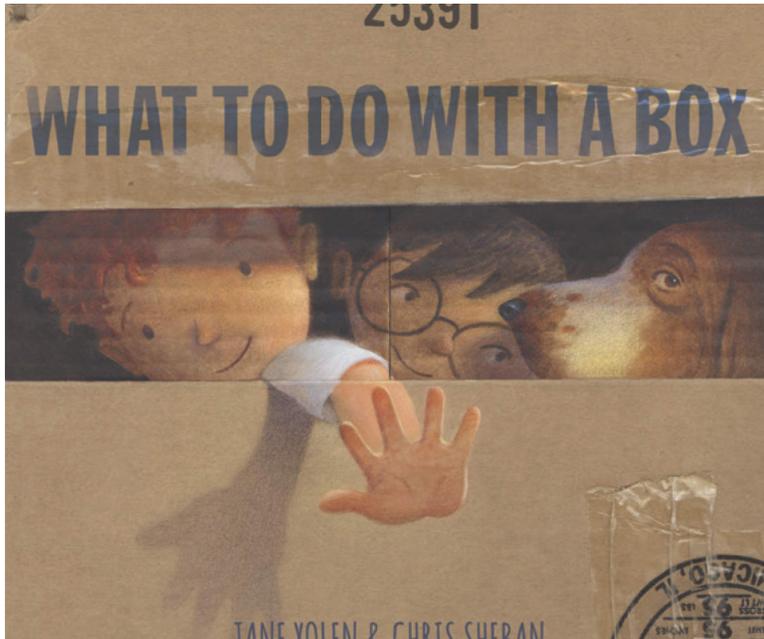


Photo Credit: <https://www.janeyolen.com/what-to-do-with-a-box/>

LITERATURE CONNECTION: WHAT TO DO WITH A BOX

What To Do With A Box is written by Jane Yolen and illustrated by Chris Sheban. The author first wrote the story in 1980's but didn't think it was something to be published at that time. She rediscovered the story in 2014, made some revisions and decided it was ready. She worked with her publisher, who found an illustrator to draw the pictures.

The illustrator actually drew the pictures on a cardboard box!

The result of this rediscovery and creative collaboration gives readers a chance to ponder all of the wonderful things a box could

become with just a little bit of imagination and some art supplies. From a palace, to a library, to a cozy nook, an ordinary box can become the most wonderful thing!

Take some time to enjoy this charming story with your family and then make something wonderful with a cardboard box. With so many of us ordering online these days, cardboard boxes can be easy to find! Plan what you'll make, gather supplies, start creating, revise if needed and then enjoy what you've made.

If you create something and would like to share it, and perhaps be featured in our next issue, please email the photo to Karen Salladino at salladk@lmsd.org.



Photo Credit: <https://www.carva.com>

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Photo Credit: <https://calgaryreads.com/out-of-the-box/>

For more fun with a box, check out *Not A Box* by Antoinette Portis.



FAMILY CODE NIGHT™



Featuring Hour of Code™ puzzles from Code.org®



Especially
Even during Covid...
give your entire school a great family learning experience!



Attend Lower Merion School District's Family Code Night from home!

A free, fun and valuable experience for you and your K-5 children. No sign up, no coding experience needed. Just join the live stream!

December 9th, 6 pm

<http://bit.ly/NationalFamilyCodeNight>

What is Family Code Night?

Check out the video!



My kids had a blast tonight! Thank you so much! It was a joy to see them work together on the puzzles! Thanks!

Taryn

One lucky family at every National Family Code Night will win their own Dash!



IN PARTNERSHIP WITH





Photo Credit: <https://www.fi.edu/franklin-at-home>

STEM @ HOME

During the pandemic, lots of institutions have changed how they operate to accommodate the restrictions put in place to keep us safe. The Franklin Institute, NASA and 3M have added @ Home options to their websites to help families learn and explore from the comfort of their own homes.

Franklin @ Home provides families the opportunity to explore a variety of topics including Engineering, the Human Body, and Earth. The site offers hands-on activities, informative videos and more. Visit <https://www.fi.edu/franklin-at-home>.



Photo Credit: <https://www.canva.com>

NASA STEM @ Home offers a wide variety of resources for families to engage with and explore. Families can listen to stories, find cool DIY projects, play games, complete coloring activities and so much more! This site even offers some screen-free ideas and projects ideas. Visit <https://www.nasa.gov/stem-at-home-for-students-k-4.html> to blast off with some out of this world fun!

3M has also created a site that provides families with videos of science experiments using items commonly found around the house. Rainbow Bubble Snakes, Walking Water, and Elephant Toothpaste are just a few of the attention-grabbing videos available. Visit https://www.3m.com/3M/en_US/gives-us/education/science-at-home/science-experiments-for-kids/.

ONLINE EVENTS

Visiting museums may not be possible during the pandemic, but many, like the Smithsonian Institute, offer virtual experiences for families to enjoy from their couches! These events include virtual tours of the Smithsonian Greenhouse, and fall foliage tours of the Smithsonian Gardens. There are also Family Webinars and Workshops on a variety of topics. Check the calendar of events at <https://www.siedu/Events>.



Smithsonian

A TO Z: AQUARIUMS TO ZOOS

Visiting aquariums and zoos are great ways to learn about animals and the environment. While traveling and visiting these places in person may not be possible at this time, many zoos and aquariums offer online videos and live cams that let you learn and observe right from home.

Check out a local favorite, the Philadelphia Zoo at <https://philadelphiazoo.org/learn/>.

Visit the National Aquarium's livestreams at <https://aqua.org/explore/livestreams>.

Watch pandas at <https://nationalzoosiedu/webcams/panda-cam>.



Photo Credit: <https://www.canva.com>