

The Summer & Afterschool Collaborative and Dayton Regional STEM Center

iMake it @ Home STEM Challenge

Thank You for Joining!

Parents and Guardians: We hope that you and your students enjoyed the YouTube Live STEM Challenge. To help further your students' interests and learning in aviation and flight, we have compiled a list of places to visit in Dayton and activities to do with your students. Have fun!

* If your students haven't watched the iMake it STEM Challenge:

Scan the QR Code to the right or watch the video in segments on the DRSC YouTube Page at

https://www.youtube.com/channel/UCnSu_vwX0LQBlvLcFShZAIA/playlists

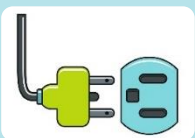


Activities

- * **Rube Goldberg Machine:** Use supplies in your home to build creative contraptions. (<https://tinkerlab.com/engineering-kids-rube-goldberg-machine/>)
- * **Newspaper Fort:** Wrap up newspaper to create rods for a fort! (<https://innerchildfun.com/2011/10/newspaper-play-structures.html>)
- * **Build a Bridge:** How strong can you make a bridge using popsicle sticks? (<https://www.busykidshappymom.org/unplugged-play-build-bridge-challenge/>)

Readings

- * **Rosie Revere, Engineer by Andrea Beaty:** A fun story that shows how girls can be good engineers too with this fun book about Rosie (K-2).
- * **Mistakes That Worked by Charlotte Foltz Jones:** Inspire your student by helping them learn about mistakes that turned into great inventions (3-7).
- * **The Boy Who Harnessed the Wind – Young Readers Edition by William Kamkwamba:** Learn about the real-life impact of engineering in this memoir (5-8).



Get Connected

- * **Subscribe to our YouTube Channel:** Subscribe for more STEM challenges and fun videos! (https://www.youtube.com/channel/UCnSu_vwX0LQBlvLcFShZAIA)
- * **Visit our Website:** Keep up to date with DRSC events and resources. (<http://daytonregionalstemcenter.org/stem-outreach/>)
- * **STEM Cards:** Use this link to receive a FREE deck of STEM cards in the mail! (<https://forms.gle/hhdms9UTqaVxJtiN8>)