

iMake it @ Home STEM Challenge

Thank You For Joining!

Educators: 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 free curriculum, activities, and readings for you and your students to use.



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](#)



Curriculum

- * [DRSC STEM Curriculum](#) - Use lesson plans with incorporated engineering challenges that have been designed by local educators and industry partners. These lessons include Ohio education standards (GRADES).
- * [Teach Engineering](#) - This site contains engineering curriculum for all ages and even includes at home activities for remote learning (K-12).
- * [NASA BEST](#) - NASA has developed a variety of engineering design curricula focused on our interactions with the moon (K-8).

Activities

- * [Fun-a-Day](#) - Enjoy engaging engineering activities and printables (K-4).
- * [Steamsational](#) - Use this long list of engineering activities and other resources that are organized by seasons for fun all year long (K-8).
- * [Science Buddies](#) - A list of engineering activities with short and simple material lists, perfect for use with remote learning students (4-7).
- * [PBSKids](#) - This packet can be sent home or used in class and contains background on engineering and five different activities (4-8).



Readings

- * ["Rosie Revere, Engineer"](#) - Show students that girls can be good engineers too with this fun book about Rosie (K-2).
- * ["Mistakes That Worked"](#) - Inspire students by helping them learn about mistakes that turned into great inventions (3-7).
- * ["The Boy Who Harnessed the Wind: Young Readers Edition"](#) - Students can learn about the real-life impact of engineering in this memoir (5-8).