

Volunteers needed to help build STEM IN A BAG Kits 4/17/2020

These self-contained kits are designed for 3rd - 8th grade students and distributed to students at food distribution sites. The kits provide a means for students to engage in unplugged STEM activities during this period of remote learning which is often online. Many families do not have access to the internet and most families are glad for their students to have an opportunity for a hands-on minds-on activity like those offered in the kits.

Who: Engineers who are members of TEF, ASCE, and other interested societies who would like to volunteer to build STEM IN A BAG kits to be distributed to Green Country students.

Who receives the kits?

- Students and families who are receiving food at local food distribution sites

What's provided:

- Materials to build the kits will be provided to you. The kits include hoop gliders, kites, parachutes, and propellers
- When the kits are complete, notify your point of contact who will arrange kit pick-up for distribution at food distribution sites

When:

- Kits are being built and distributed through the end of May 2020
- Kits need to be built in as timely a manner as possible to meet end of May cutoff on food distribution sites at many local schools

Where:

- Kits are built in your home. Please do observe the Corona Virus protocols of handwashing, being careful with coughs and sneezes, and do not participate if you do not feel well.
- Kits are being distributed at local food distribution sites including elementary schools, churches and the Tulsa Dream Center

How:

- Tulsa Regional STEM Alliance will pick up kits from your point of contact and take them to distribution sites at times previously scheduled

Why:

- Engineers solve problems! The COVID-19 pandemic has resulted in unprecedented problems in many arenas - among them education of our students. This is a way for our engineering societies to help students have hands-on minds-on learning activities that will nurture creativity, curiosity and perhaps grow the next generation of engineers.

Questions? or to volunteer Info@tulsastem.org or xan.black@tulsastem.org