



# Makerspace Jr. Club

Dear Parents/Guardians of Fourth Grade Students,

Let me introduce to you a small club that will be taking place in the Robeson Elementary Center Library...Makerspace Jr. Club. This is a place where students focus on STEAM (Science Technology Engineering Art Mathematics). This adventure grew out of the Hour of Code each fourth grader completed in Library class. I had students "wanting more!"

We will meet for six weeks. Each week students will be challenged in STEAM concepts to create/construct/build something as simple or complicated as their imaginations allow. **The club will meet for 1.5 hours from 3:30-5:00 pm in the library.**

**Project Outline:**

*February 22-Computer Coding, Hour of Code using Minecraft Puzzle or Frozen Puzzle.*

*February 29-Building items with simple materials and testing strength*

*March 7-Lego construction, building Tessellations and other puzzles.*

*March 14-Tinkering-Take-Apart Day, students take apart small electronics, investigate and try to put back together.*

*April 4-Simple machines...creating a mini-catapult, a whole club trebuchet, with basic physics behind the simple machines as explained by Mr. Galaska (USNA Mechanical Engineer)...then test the trebuchet.*

*April 11-Stop Motion Animation, student groups use iPads to create a short movie employing; creativity, music selection and found items.*

Space is limited to 26 students due to computer accommodations. If you have questions please contact me at [egalaska@tvsd.org](mailto:egalaska@tvsd.org). Visit my LibGuides Page for more information and the Makerspace Code of Conduct: <http://lib.tvsd.org/reclibrary/makerspacejrclub>

Keep on tinkering...Mrs. Galaska

Makerspace Jr. Club Permission Form. Please fill in the permission form and return to the school by Monday, February 15, 2016

My child \_\_\_\_\_ has permission to stay after school for the Makerspace Jr. Club. I have gone over the Code of Conduct with my child and we understand the importance of staying safe by making wise choices.

In case of emergency please contact:

PRINT Name: \_\_\_\_\_ Relationship: \_\_\_\_\_

Phone numbers Cell: \_\_\_\_\_ Home: \_\_\_\_\_ Work: \_\_\_\_\_

Print Parent/Guardian Name: \_\_\_\_\_

Sign Parent/Guardian Name: \_\_\_\_\_

Watch for projects and photos of students posted to the Makerspace Jr. Club Webpage, @RobesonEC Twitter and Robeson Facebook Page

# Our Makerspace Jr. Club Code of Conduct

As a maker I promise to...

Be respectful and  
use kind words

Work together

Include others,  
don't exclude

Use library  
voices

Be appropriate and  
gentle with items

Help clean up  
all areas

Listen to  
each other

Share the  
materials

Be proactive and  
make good choices

Follow directions  
if available

Don't take  
materials

Be calm and use  
good manners

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