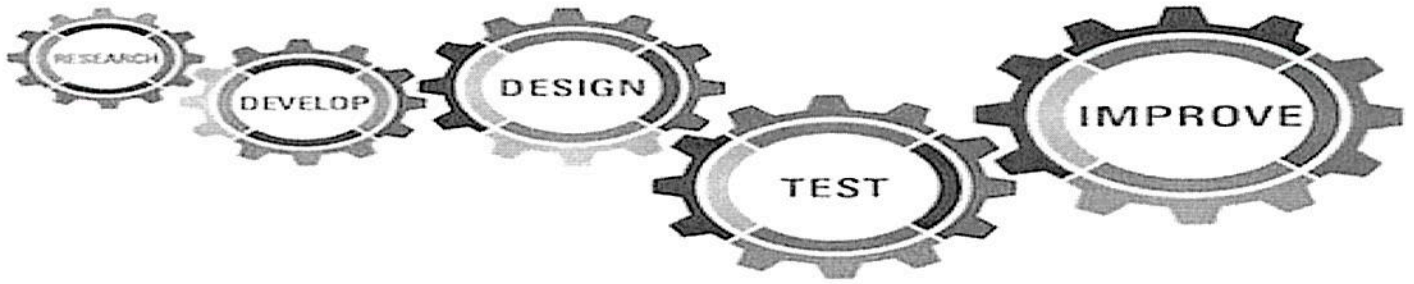


Coming Soon to George Washington: **Makerspace**



What is **Makerspace**?

Makerspace is a unique program that will take place in conjunction with the STELLAR Program. A Makerspace allows for creativity and innovation to occur. Students have the freedom to design, engineer, fabricate, create, build and collaborate. We are starting small, but thinking big! Makerspace is part of the Maker Movement and it incorporates STEAM initiatives – Science, Technology, Engineering, Art and Mathematics.

Why do we need **Makerspace**?

Working in Makerspace engages students to think critically and problem solve in ways that deepen their knowledge of subject matter. Makerspace opportunities improve students' habits of inquiry, self-directed learning and reflection. Students will have a way of learning that involves tinkering, inventing, researching, teaching, collaborating, sharing, innovating, socializing and creating. Students develop new ideas, design and redesign them until they have a product they are happy with that in some way solves a problem, shares new information, connects to the content area and ultimately learn things about themselves and the world. Makers are needed to add to the global sum of human knowledge – we can start now!

When and how will **Makerspace** be used?

All students will have the opportunity to participate in approximately 4-5 sessions during their regularly scheduled STELLAR visits. This year, our 3rd and 4th grade students will be able to participate in Makerspace. All projects will correlate with each grade's STELLAR curriculum.

How can you help?

Please, please, please take a few seconds to gather some of the items (included with this letter) and donate them as supplies to be used in our Makerspace. We will be collecting items from now all the way through the spring...and possible thereafter. A large container will be located in the main hallway to collect the supplies. Makerspace is a work in progress. This will be an ongoing and continuous endeavor and we anticipate the opportunities growing over the next few years. If you have any questions, please feel free to contact:

Mr. Cangemi, K-12 Director of Science, 390-3248, jcangemi@whufsd.com

Ms. Weinberg, Cornwell Elementary STELLAR Teacher, 390-3140, sweinberg@whufsd.com

Ms. Perlow, George Washington Elementary STELLAR Teacher, 390-3130, dperlow@whufsd.com

Thank you for helping us on our new endeavor!

Makerspace Donations Needed

You can drop off any of the following items in the main hallway.

Thank you for supporting this endeavor!

Needed Immediately:

| | |
|--------------------------------|---------------------------|
| Popsicle sticks (craft sticks) | Toothpicks |
| Plastic/paper straws | Yarn |
| Masking tape/duct tape | Thread/embroidery floss |
| Playdough/clay | Twisty ties/thin wire |
| Drinking cups – various sizes | Elmer's glue/tacky glue |
| Paper plates - large/small | Q-tips |
| Pipe cleaners | Paint Brushes |
| Rulers | Cardboard – various sizes |
| Cold glue gun/stick | Shoe boxes/bins |

Additional items needed:

Corks
Drinking cups – all sizes
Balloons
Buttons
Legos (especially wheels)
Origami paper/tracing paper
Felt
Hole Punchers
Clothes pins
Paper towel/toilet rolls