

# WELCOME TO S.T.E.A.M.

Dear LJPS Parents!

Welcome to Liza Jackson Preparatory Schools' K-5th Grade wheel class S.T.E.A.M. Lab! From School Bus to Camper Cart; we are excited to see S.T.E.A.M. is now making way for the kids to explore and educationally "play" in a brand new Science Lab of their own! With a collection of countless resources, the new S.T.E.A.M. Lab will provide endless outlet opportunities for cultivating lifelong learners through the five academic disciplines; science, technology, engineering, arts and math.

In an ever changing, unpredictable world, setting students up for success through exposure to these five disciplines, develops a holistic thinking pattern that has the power to create critical thinking skills and foster true innovation. S.T.E.A.M. is a project-based approach to learning that provides students an opportunity to combine the mind of a scientist, with the creativity of an artist!

Life long learners who are curious about the world around them, who can critically think on their own, and begin to problem solve by asking questions is our program's primary goal. The S.T.E.A.M. Lab will provide K-5th grade students an opportunity to build upon S.T.E.A.M. units developed within their grade levels, as well as a chance to test the waters with PBL (Project Based Learning). Both avenues to learning align with State Standards and a holistic approach to educating students for tomorrow's success. We are excited to continue watching the program unfold, as the foundation of the S.T.E.A.M. Lab's capacity to enhance classroom instruction, continues to develop.

A peek inside the S.T.E.A.M. Lab:

- An assortment of consumable media (including toothpicks, paper, sponges, balloons, paper towel rolls, ribbon, coloring supplies, wiggly eyes, straws, tissue paper, playdough, glue sticks, markers, paints, Watercolors, modeling clay and much more!)
- Lego Wall
- Virtual reality and Augmented Reality Goggles
- Laser Cutter
- 3d Printer
- Botely
- Ozobots
- Osmo
- Dot and Dash Robots
- Robotics
- Platform breakoutedu
- Light Brite
- Polaroid Camera
- iPads
- TV Casting
- LittleBits
- 3D Printing Pens

Thank you for your time and we look forward to meeting your future crafty engineer!

Creatively yours,

Ms. Lisa Burgess  
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