

Westhaven Elementary School/STEM Live Lab

Executive Summary Presentation



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LIBS 674: Library Management & Leadership

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The Mission & Goal



Mission:

To promote information literacy through STEM, by engaging the students in more critical thinking activities and allowing them to explore and make connections with their academic and real-life applications.

Goal:

To increase the academic performance of the third through sixth-grade students on the Standards of Learning(SOL) and the district level benchmark assessments.

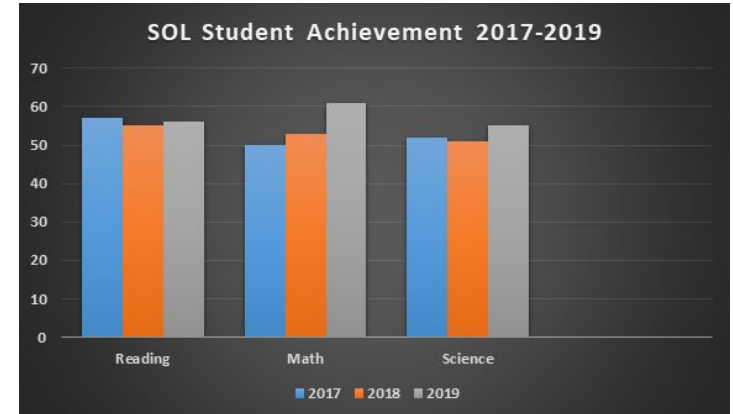
The Overview

- ❖ Provides high-quality tools and activities
- ❖ Provide opportunities for interaction with individuals who are a part of the STEM field.



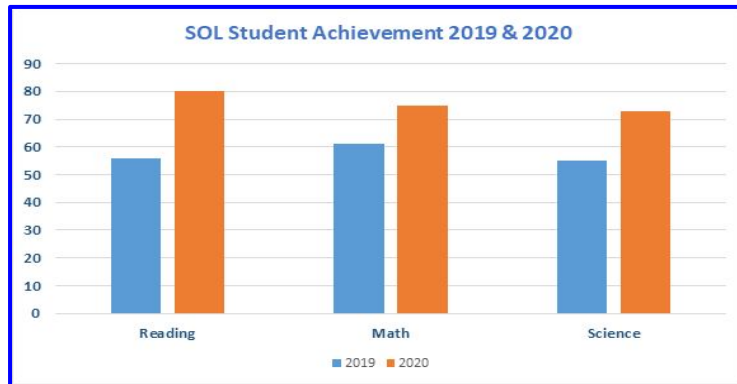
The Problem

- ❖ Poor academic performance yearly
- ❖ Low literacy skills and not being able to make the correlation of the contents
- ❖ Once-a-year experience with STEM activities
- ❖ Boring lessons

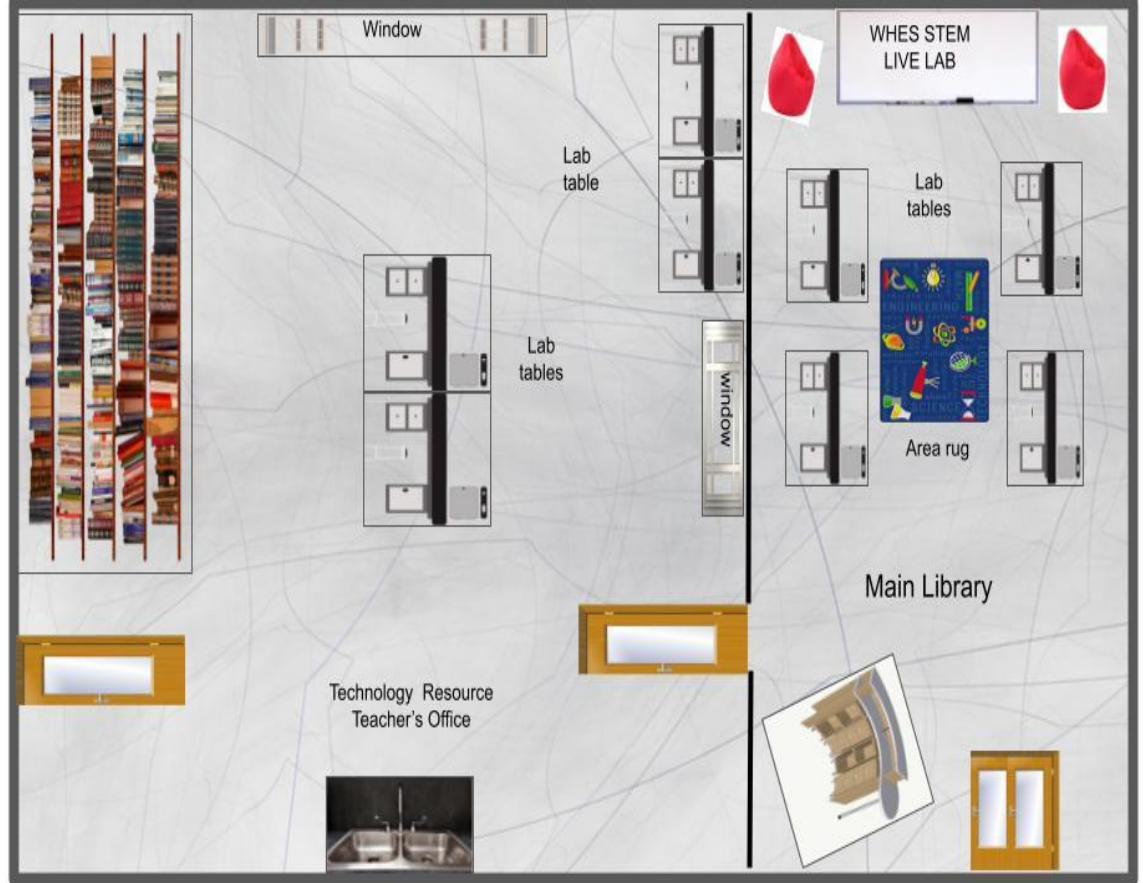


The Solution

- ❖ “The library & a Lab”
- ❖ Incorporated into “Specials/Encore” schedule
- ❖ Allows the students to regularly work on stimulating, exciting, hands-on activities



The Design



The Research

- ❖ “Today’s kids will encounter a job market that is dominated by STEM fields, from health care, an industry that adds several hundred thousand new jobs each year, to computing and biotech, and more. “
- ❖ “Even if you don’t foresee your child[student] growing up to be an engineer, mathematician, or scientist, STEM classes teach the critical thinking and problem solving skills kids need to thrive in every field.”

-Susan Solomon Yem, Great Schools.org

The Funding and Sources

Sources	Amount
PPS Office of Instructional Technology & Media Services	\$5,500
Southeast Virginia Community Foundation	\$4,205
Westhaven's Library Fundraisers	\$2,500
Westhaven's Parent Teacher Association	\$2,000
Total	\$14, 205

The Marketing

- [Infographic](#)
- Westhaven Stem Live Lab Newsletter
- Email
- STEM posters
- Class Dojo parent-teacher communication
- School and teacher social media



The Projected Goal

- ❖ To continue to inspire our students toward a STEM career
- ❖ To continue improving the academic performance of each student on the state science & math SOL exams
- ❖ To continue improving the overall school's academic performance
- ❖ Expand the lab by redesigning the commons area and tear the wall

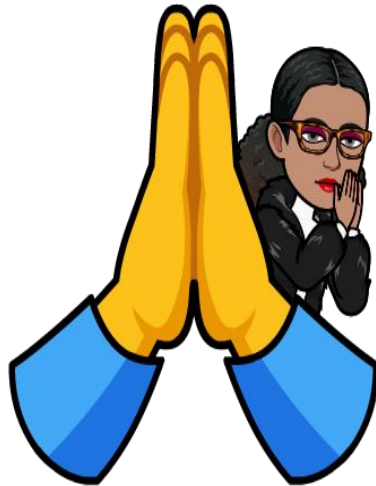


The Cause

- ❖ Why?
- ❖ For Jae, Tatianna and Mark, students who met the minimum requirements on their SOL for the first after their experiences in the lab
- ❖ Continued success depends on you!
- ❖ Support, resources and funding

The Q & A

Questions....



The Sources

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