



**Engaging**  
**Learning Environments**

**Rigorous**  
**Academics**

**Unique**  
**Community Resources**

## THE WALL STREET JOURNAL.

### The ‘Hybrid’ Skills That Tomorrow’s Jobs Will Require

“Jobs that tap both technical and creative thinking will be likely to pay well—and **resist automation.**”

Understand technical  
information

Solve problems resourcefully

Communicate effectively

Think creatively

Use data to make decisions

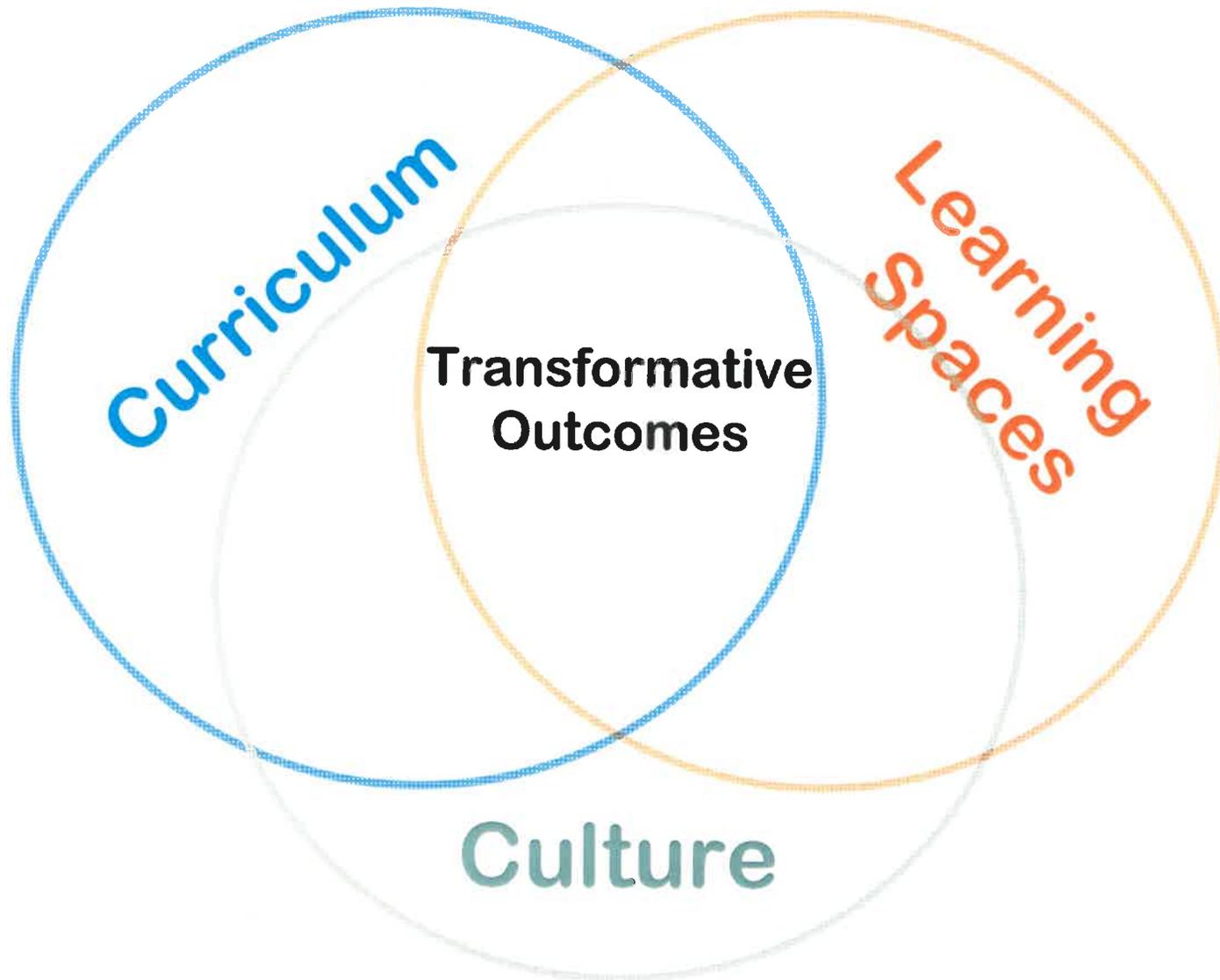
Design intelligently

Preparing students for-



Stanford

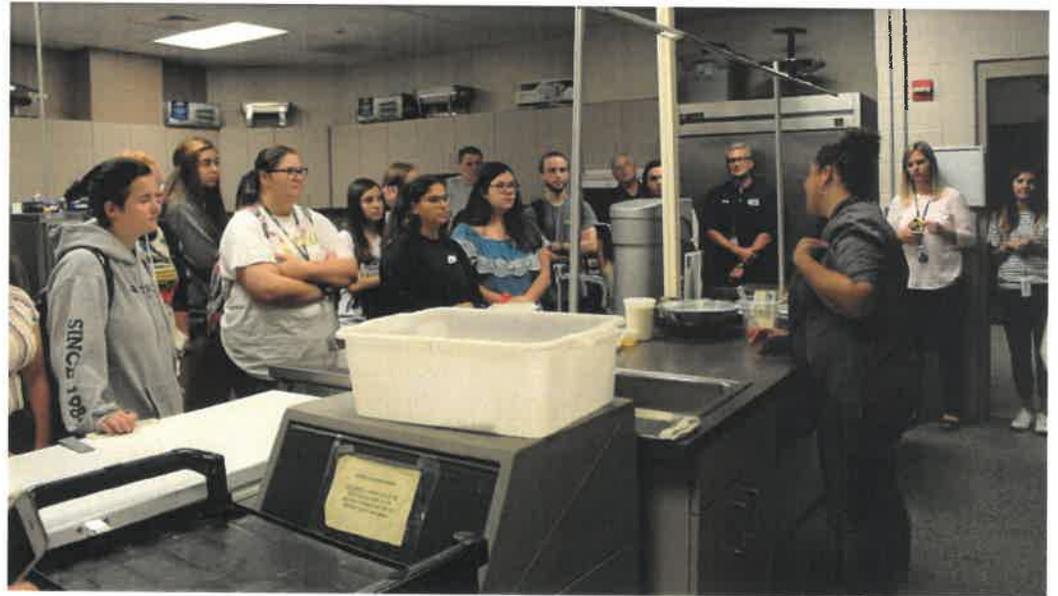




# 1

## Academies Amplified

- Simulated Workplace
- Paid Apprenticeships
- Curricula - Industry
- Guest Lecturers
- GSHS Career Coach
- Internships
- Ready to Work



# 1

## New & Updated Academies

- Applied Design Academy
- Aviation Academy
- Fine Arts Academy
- Health Science Academy
- Hospitality and Tourism Academy
- Business and Marketing Academy
- Public Service and Safety Academy
- Gulf Coast Sustainability Academy
- Engineering and Computer Science Academy
- Government and Public Administration Academy



# 1

## Applied Design Academy

- Four year program
- Interdisciplinary- core and career
- Design process, problem solving, communication skills, hands-on experiences in all courses
- Application\*
- Cohort learning model- build community, cohesion, a culture of excellence

\*Admission requirements will include the submission of a resume, writing sample, test scores, grades, teacher recommendation(s), and/or interview.

2020-2021: Begin with freshman cohort



# 1

## Applied Design Academy

9<sup>th</sup>

Hon English  
Hon Biology  
Hon Geometry  
AP World Hist.  
Spanish 1  
Design Thinking

10<sup>th</sup>

Hon English  
Hon Chemistry  
Hon Algebra II/Trig  
AP European Hist.  
Spanish 2  
AP Comp Sci Principles

11<sup>th</sup>

AP English Lang  
AP Biology or Chem  
Pre-Calculus  
AP US Hist.  
Elective Choice\*  
STEAM Seminar w/Capstone

12<sup>th</sup>

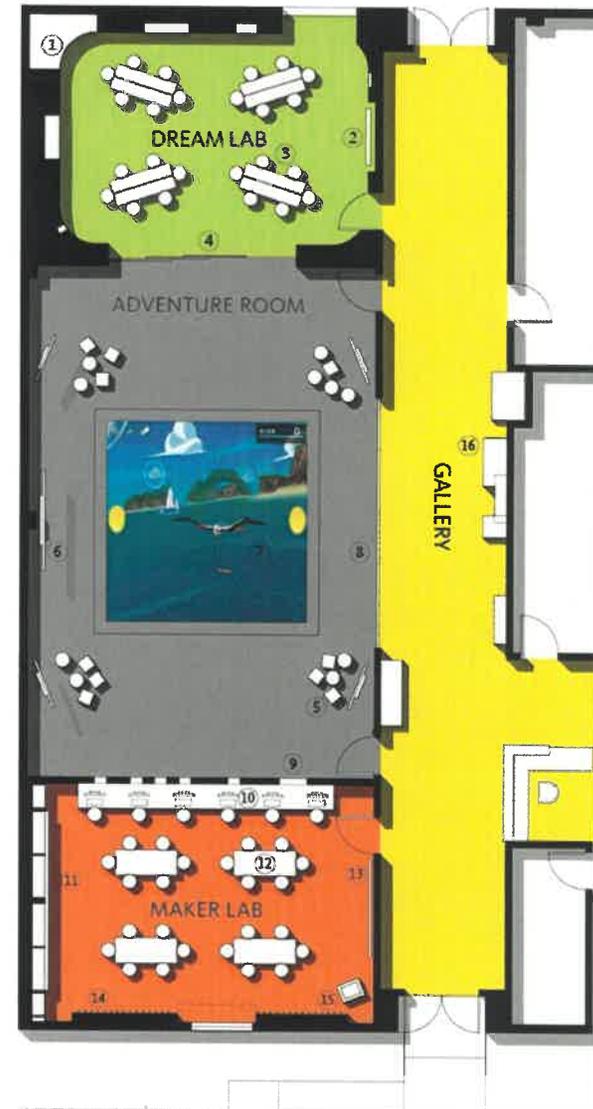
AP English Lit  
AP Phys or AP Bio or AP Env  
AP Stats or AP Calculus  
AP Government & Hon Econ  
Elective Choice\*  
Designing for the Gulf Coast

### \* Elective Choices

Anatomy  
Hon Ecology  
Hon Aquascience  
Hon. Marine Science  
Art  
Theatre  
Culinary  
Hospitality and Tourism  
Music Technology  
Environmental Management  
Horticulture  
Psychology  
Spanish 3 or 4

# 2

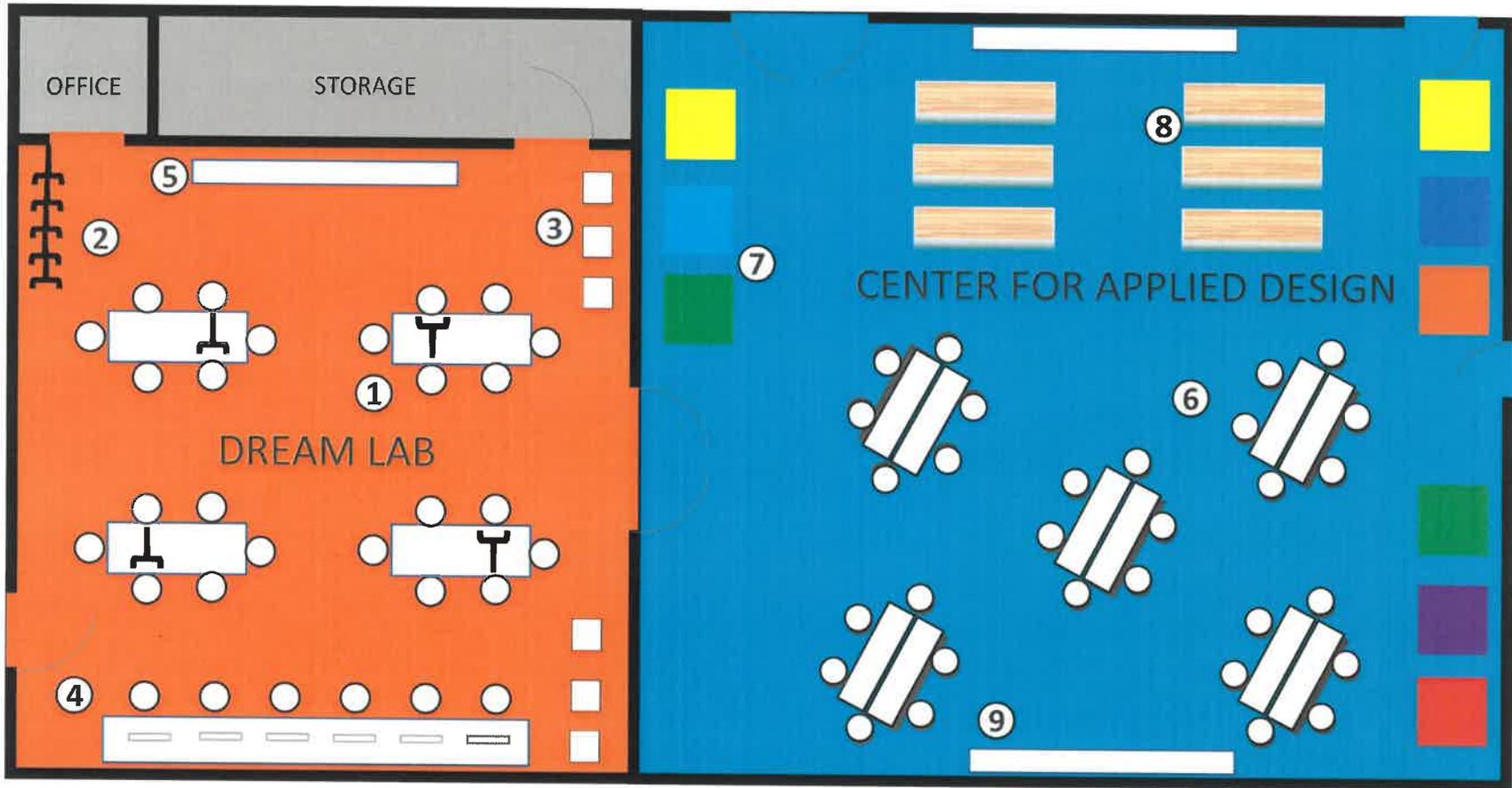
## Our Learning Spaces



# 2

## Our Learning Space Focus

- We envision an immersive technology design space for students to collaborate on projects and problem solving exercises.
- A space for virtual reality, computer aided design, 3D printing, drones, robotics, & more
- Available to be booked throughout the school day by all teachers (150-180 students per day)



1. Reconfigurable Design Teams
2. HoloLens 2 Mixed Reality Headsets
3. 3D Printers & Color Laser Printers
4. iMacs for CAD and Graphic Design

5. Smartboard Interactive
6. Mobile Shop Tables
7. Mobile Materials Cabinets
8. Standing-height Workbenches

# 3

## Our Culture Focus

To achieve transformational outcomes, we will foster a high-performance culture-

- productivity
- academic excellence
- respect for every individual

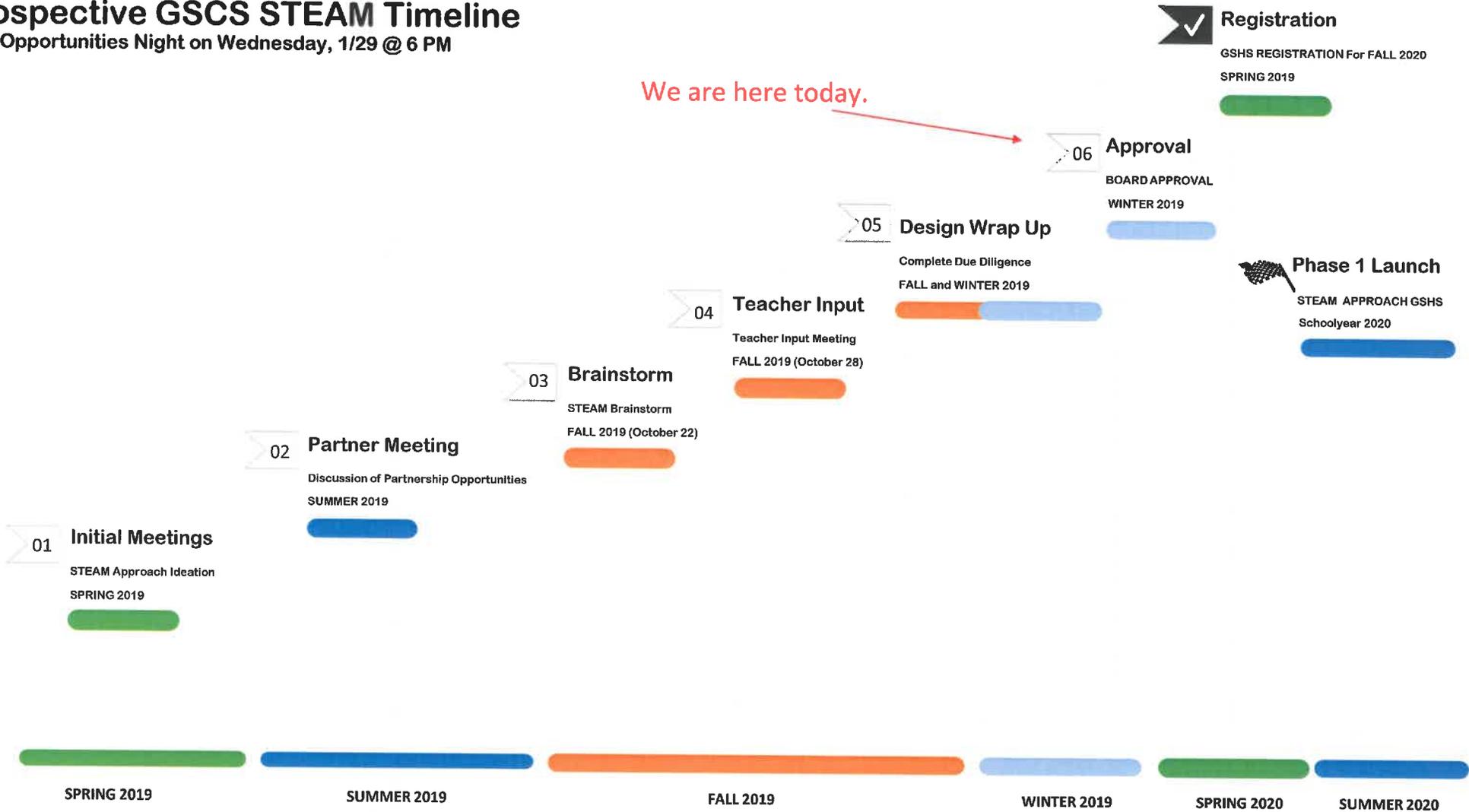
Do our students value rigor?

Do our students understand how to set and accomplish challenging goals?



# Prospective GSCS STEAM Timeline

New Opportunities Night on Wednesday, 1/29 @ 6 PM



We are here today.