



## School Improvement Plan Envision Science Academy 2022-2023

<i>School Name</i>	<i>SIT Chair</i>
Envision Science Academy	Geoff Gorski, Dean of 5-8

**School Mission:** The mission of Envision Science Academy is to provide innovative instruction through experiential learning with a focus on STEAM in order to prepare elementary and middle school students to compete, lead, and excel in the global marketplace.

**School Vision:** By engaging in project based learning, students will be prepared to pursue STEAM related careers and become lifelong learners.

**Student Profile:** We are citizens who are curious, creative, confident problem solvers that are coachable and can communicate and collaborate with integrity and empathy to accomplish anything.

**We believe that the best way to build upon our academic production is to grow in our ability to deliver on the mission, vision, and student profile that make our school unique.**

**This mission-driven, rolling School Improvement Plan will always focus the energy of our entire instructional staff as committees on four components drawn from the ESA value statements. As a rolling plan, the goals and strategies below will grow and evolve twice a year, and will be evaluated, written, and executed in short sprints from August to December and January to May.**

**Overall Academic Goal: Envision Science Academy will earn an A on the NC School Report Card for the 2022-23 school year, achieving greater than 85% proficiency and “exceeding” growth.**

**Target Area No. 1: PBL/Experiential Learning (Problem solving, collaboration)**

Target Goal: The PBL team will create a grade level progression of PBL soft skills from Kindergarten through eighth grade.

Task List of Actions through December 2022:

1. Distribute PBLWorks resources to all teachers.



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2. Work to identify core skills based on the PBL works foldable doc.
3. Write standards for each core skill
4. Publish to the whole staff for peer review.

### **Target Area No. 2: STEAM, STEAM Careers** (Curiosity, creativity, accomplishment)

Target Goal: Provide a diverse offering of personalized professional learning opportunities for teachers to enhance the integration of STEM best practices, meeting the criteria to be renewed as a Model STEM School of Distinction.

Task List of Actions through December 2022:

1. Launch PODs: Peer learning walks structure
2. Develop a system for providing regular applied learning experiences.
3. Identify core STEM PD opportunities and criteria for attendance.

### **Target Area No. 3: Leadership and Excellence** (life-long learning, confidence, coachability, communication, competition)

Target Goal: To host quarterly, in-house and/or in-school academic competitions

Task List of Actions through December 2022:

1. Review list of competitions for schools, narrow to one for each quarter for 2022-2023 School Year
2. Divide committee members into subcommittees according to the competitions selected
3. Make final decisions regarding plan logistics (dates, grade levels), competition types between homerooms, and grade level applications.
4. Participate in County, State, National Levels
5. Create a newsletter process to advertise the accomplishments.

### **Target Area No. 4: Global Citizenship** (integrity, empathy)

Target Goal: Create one lesson plan per grade level utilizing the diverse books that were provided from the grant last year. Teachers/counselors will be provided with a plan/activities to use with the chosen books.

Task List of Actions through December 2022:



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1. Pick books from the diverse books provided last year
2. Research activities to go along with the books
3. Create an outline and activity ideas for teachers to use