



School Improvement Plan Envision Science Academy 2023-2024

January to May Sprint

<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 who 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 2023-24 school year, achieving greater than 85% proficiency and “exceeding” growth.



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

Target Goal:

We will utilize the PBL soft skills rubric to compile schoolwide data trends for K-2, 3-5, and 6-8 and present data to the whole staff.

Task List of Actions through May 2024:

1. Proof template for functionality for teachers to use, and build out how to share and collect (email, etc). Communicate the process to staff. Teachers will be asked to share the document with either Pakela (6-8), Ecton (K-2), or Vick (3-5).
2. Make sure that all teachers who have participated have also communicated the feedback through their grade level teammates. Set deadlines for submission.
3. Every staff member will submit 1 rubric for 1 PBL in the second semester to contribute their data.
4. Share reworked templates to students in a PBL group of teachers' choice. Once given this revised version of the template, students fill it out to the best of their ability and the teachers report back in May.

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

Target Goal:

The STEAM Committee will provide a diverse offering of STEAM opportunities for students, staff and families to inspire students to pursue a career in STEAM.

Task List of Actions through May 2024:

1. Secure a professional to run their own booth at our STEAM festival, especially artists (the theme is "Full STEAM ahead")
2. Set up volunteers for the kits that have been purchased to use at STEAM night
3. Create a list of centers/stations that are ESA driven



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4. Communicate with grade chairs to discern which teachers have led great STEAM activities/projects. We would like to highlight them on the bulletin board in the dining hall with a blurb about the project as well as pictures and artifacts.
5. Solicit availability of Artist in Resident for the STEAM night/science fair (Committee will look into endowment opportunities to aid us in securing a STEAM)
6. Possible advertisement for summer camps/ reaching out to them to be potential booths
7. Recap STEAM night and the Science Fair to fine tune for next year

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

Target Goal: The Leadership and Excellence Committee will develop ways to enhance student leadership opportunities while promoting communication and confidence through a student ambassador program.

Task List of Actions through May 2024:

1. Develop our vision of the student ambassador program, and make a list of program components and potential responsibilities.
2. Design a training and supervision program for student ambassadors.
3. Deploy the involvement of the student ambassadors in at least 1 event by the end of the second semester
4. Regarding the previous sprint - Debrief on Spelling Bee and chart the course for school involvement in the National Spelling Bee in 2024-25. Additionally, dive deeper into the Mathlete program.



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

Target Goal:

The Global Citizenship Committee will create a clear vision and goals for sister school partnerships so both schools can work together towards a common purpose and ensure a mutually beneficial partnership.

Task List of Actions through May 2023:

1. Create our vision and goals and reach out to sister schools to see their goals. We will decide which committee members will reach out to our sister school to begin our participation in this partnership.
2. Make a plan for how to present at the all-staff meeting in April to gauge excitement for extending our involvement with our sister school to more classrooms.
3. Present to staff how we participated with our sister school. Reach out to staff to see who would be interested in participating next year.

Team Members:

Geoff Gorski
Charles Fuller
Amanda Vick
Xaviera Johnson
Tamara Scherrer
Takira Murphy
Anna Cunningham
Jordan Cutno



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Donna Ecton
Nicola Dobbs
Krystle Welker
Sarah Deutsch
Moneta Redecker
Wendy Peabody
Chloe King
Keith Pakela
Jenn Snyder
Robyn Davis-Lay
Kelly Moler Glass

Approved by team: 1/25/24

Approved by staff: 1/30/24

Approved by board: 2/20/24