



School Improvement Plan Envision Science Academy 2024-2025

<i>School Name</i>	<i>SIT Chair</i>
Envision Science Academy	Amanda Vick - Dean of 6-8

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 the grade of an A on the NC School Report Card for the 2024-25 school year, achieving greater than 85% proficiency and “exceeding” growth.



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Envision Science Academy
2024-2025**

Target Area No. 1: Math

Target Goal:

All students will achieve proficiency in Math, with 85% or more performing at or above grade-level standards. All students will achieve at least 1 year of growth.

Task List of Actions through May 2025:

1. Spiral review: Graded, once per week using homework and daily warm-ups.
 - a. Establish norms
2. Common assessments
 - a. Peer reviewed assessments?
3. High quality vertically aligned resources listed and available for teachers.

Target Area No. 2: English Language Arts (ELA)

Target Goal:

All students will achieve proficiency in ELA, with 85% or more performing at or above grade-level standards.

Task List of Actions through May 2025:

1. **Consistent Data Tracking via progress monitoring**
 - a. **K-2: mClass**
 - b. **3-8: Dreambox Reading, Teacher-led assessments, NewsELA, CommonLit**
 - c. **Training for teachers on Data Tracking**
2. **Explore having a Reading Specialist or Additional Support/PD in the upper grades**
3. **Literacy Night to engage parents**
4. Visit an A+ or A model school
5. Update the Matrix to include research-based and evidence-based strategies for K-8 students
6. Data analysis/data meeting
7. Small Group Instruction/Differentiation
8. Tutoring and support programs
9. On-going PD, peer observations, and collaboration

Target Area No. 3: STEAM, Science and Social Studies (SS)



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Target Goal:

At least 75% of all teachers provide at least one learning opportunity per unit, or about every 2-3 weeks, in which their subject-area is explicitly, intentionally integrated with another subject-area (any subject area – the arts, humanities, other STEM subjects, CTE, etc.), requiring students to organize knowledge across disciplines.

Task List of Actions through May 2025:

1. Create a survey to identify staff needs in creating integrating instructional opportunities.
2. Use survey data to develop resources to present to teachers i.e. (Instructional resources, PD, Coaching, etc)
3. Use survey data to develop plans for vertical PLCs.
4. Collect Survey data to determine frequency of integration opportunities.

Target Area No. 4: Specialists and Electives

Target Goal: At least one PBL unit per grade level per semester will be integrated with specialist (K-5) or elective class (6-8) content.

Task List of Actions through May 2025:

1. Brainstorm and create a communication medium that will link grade levels and specialist/elective teachers.
2. Develop norms for communication, including deadlines and guidelines for content planned for what needs to be communicated regarding PBL units.
3. Dedicate joint planning opportunities for grade level and specialist/elective teachers.
4. Develop a process for documenting artifacts of successful integration of learning activities.



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2024-25 Team Members:

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Charles Fuller	TaKira Murphy	Tamara Scherrer
Bill Prentice	Kimberly van Deth	Nicola Dobbs
Lindsey Alfonso	Sara Deutsch	Olivia Holub
Alison Hester	Zachary Berkley	Kristen Hanzer-Powell
Clay Marion	Anna Williams	Kayla Dellinger
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Approved by team: August 28, 2024

Approved by staff: August 29, 2024

Approved by board: September 16, 2024