



**To:** Harlem School District #122 Board Members  
Dr. Terrell Yarbrough, Superintendent  
Josh Aurand, Assistant Superintendent for Business and Operations

**From:** Jacob Hubert, Director of Secondary Education

**RE:** ECA Science Kits

**Date:** November 12, 2025

This memo formally requests the Board's approval for a science kits for ECA to support science units in 6, 7, 8, and Physics.

**Rationale and Impact**

As we continue to roll out units aligned with NextGen Science Standards (NGSS) using OpenSciEd curriculum at Harlem High School and Harlem Middle School, we are continuing to expand on the initial science kits used to support each unit.

OpenSciEd is essential to developing science and engineering practices essential to the development of understanding and using science to make sense of the real world. OpenSciEd's key features include:

- Phenomenon-based and coherent storylines
- Three-dimensional learning: Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts.
- Focus on equity and accessibility.
- Essential backwards design used to develop student inquiry and sense-making.

This purchase will provide the high school with the opportunity to support two more units in physics, one more unit in 7th grade science, and one more unit in 8th grade science.

**Funding**

Title IV      \$14,481.60



*A Community of Leaders*

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