**Learning Areas Covered by *Smart Tutor: Independent Learning App for Underserved Students***

The *Smart Tutor* app will focus on three foundational subject areas that are both **academically essential** and **strategically empowering** for underserved students:

1. **Mathematics** – *Plane Trigonometry*  
   Students will learn the basics of trigonometric functions, unit circles, triangle-solving strategies, and real-world applications of trigonometry. This sets them up for success in STEM fields.
2. **Science/Technology** – *Introduction to Computer Science*  
   Learners will gain a beginner-friendly understanding of how computers work, including basic programming logic, algorithms, and problem-solving using simple code examples.
3. **History** – *History of Programming*  
   This module explores how programming languages and computing evolved—from early innovations like Ada Lovelace and punch cards to modern programming languages and global internet infrastructure. It gives students context and inspiration for their own path.

**Why These Subjects?**

* **Plane Trigonometry** builds the mathematical reasoning needed for engineering and physics.
* **Computer Science** is one of the most powerful tools for upward mobility and job access.
* **History of Programming** not only informs, but **inspires** students to see their place in tech’s future.