

Mr. H Codes

District Computer Science Pathway Proposal

Grades 9–12 Implementation Overview

Mr. H Codes provides a comprehensive, vertically aligned computer science pathway designed for district-wide adoption. This proposal outlines the academic progression model, implementation framework, and annual licensing structure supporting scalable computer science expansion.

Executive Overview

The Mr. H Codes pathway delivers a structured Grades 9–12 sequence progressing from foundational programming skills to advanced AP-level coursework. The system supports long-term program sustainability while maintaining instructional consistency across campuses.

The complete program includes Intro to Computer Science, Web Foundations (HTML & CSS), AP Computer Science Principles (Python), AP Computer Science A (Java), and Career Exploration & Life Readiness.

District licensing provides scalable access across campuses, structured pacing guides, assessments, editable instructional materials, curriculum updates, and implementation support.

Why Districts Choose Mr. H Codes

- Vertically Aligned Grades 9–12 Pathway – Structured progression from foundational coding to AP-level rigor.
- Scalable District Implementation – Unlimited teacher access per approved campus ensures consistency.
- Reduced Teacher Preparation Burden – Built-in pacing guides and assessments support instructional efficiency.
- Standards-Aligned & AP-Ready – AP courses aligned to College Board frameworks and exam preparation.
- Sustainable Program Growth – Courses function independently or as a comprehensive 4-year model.
- Adaptable Yet Structured – Editable materials allow local customization while preserving progression.

4-Year Academic Pathway Model

Grade 9	Intro to Computer Science or Web Foundations – Foundational coding and computational thinking.
Grade 10	AP Computer Science Principles – Algorithms, abstraction, data systems, AP preparation.
Grades 11–12	AP Computer Science A – Object-oriented programming, data structures, advanced algorithms.
Elective Option	Career Exploration – Career pathways, communication, workforce readiness.

Course Overview & Outcomes

Intro to Computer Science – Foundations in computational thinking and programming fluency.

Web Foundations – Project-based HTML & CSS curriculum supporting digital literacy and web development.

AP Computer Science Principles – AP-aligned Python course emphasizing abstraction and program design.

AP Computer Science A – AP-aligned Java course centered on object-oriented programming.

Career Exploration – Semester course supporting CTE alignment and professional readiness.

District Implementation Framework

- Unlimited teacher access across approved campuses
- Structured pacing guides and instructional calendars
- Complete lesson plans, projects, and assessments
- Editable instructional resources
- Curriculum updates during the license term
- Priority implementation support

Licenses are valid for one academic year (12 months). Multi-year agreements and bundled Grades 9–12 pathway pricing are available.

Annual Licensing Structure

Course	Single School	Multi-School (2-5)	District (6+)
Intro to Computer Science	\$499	\$2,299	\$4,999
AP Computer Science Principles	\$999	\$3,999	\$8,999
AP Computer Science A	\$899	\$3,599	\$7,999
Web Foundations	\$799	\$3,199	\$6,999
Career Exploration	\$399	\$1,699	\$3,999

Next Steps

To request a formal district proposal, multi-year agreement, or comprehensive pathway bundle pricing, please contact:

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Mr. H Codes partners with districts to implement structured, aligned, and scalable computer science pathways across Grades 9-12.