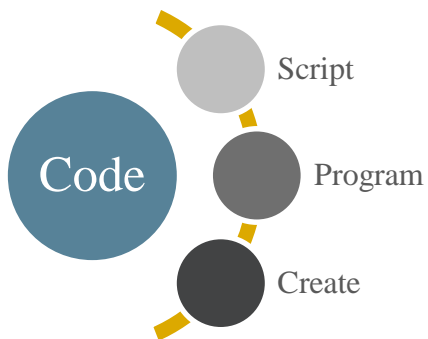


#HISDecoded

WHAT IS IT?

#HISDecoded immerses every HISD student in scripting and programming experiences.

It is an educational approach that brings critical thinking skills and creative expression to life. Students learn how to create technology, rather than simply consume it.



WHY DO IT?

Coding creates conditions for self-directed learning and meaningful collaboration.

Globally-competitive school systems integrate coding as part of their core curriculum.

It equips students with the tools of formal logic, which is useful for everyone—not just computer scientists.

Coding provides students with in-demand, highly-paid career opportunities.

Logic

Creativity

Expression

Coding

WHAT DOES IT LOOK LIKE?

ELEMENTARY SCHOOL

- Build interest among all students.
- Extend opportunities to code through unplugged experiences.
- Explore coding through courses with familiar characters and games.

MIDDLE SCHOOL

- Investigate formal scripts and programming languages.
- Sustain interest, especially among students not considering STEM careers.
- Explore diverse college and career pathways related to coding.

HIGH SCHOOL

- Pursue advanced coursework, including AP Computer Science.
- Create and publish original work through a final capstone experience.
- Prepare for computer-science career certifications.
- Explore careers and work with industry experts.