HEB ISD SCHOOLS OF CHOICE

January 2021
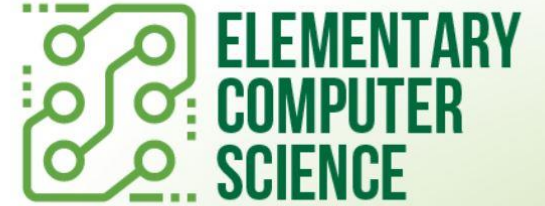
ELEMENTARY COMPUTER SCIENCE

- WHAT is computer science?

- WHY should my child take computer science?

- WHAT does the HEB ISD Elementary Computer Science program look like?

WHAT IS COMPUTER SCIENCE?

▸ The study of learning to code

▸ The design of computers – hardware and software – and how they work

▸ The impact of computers on society

WHY SHOULD MY CHILD TAKE COMPUTER SCIENCE?

- 4 C's – creativity, collaboration, communication, critical thinking

- Exposure to multiple programming languages and devices

- Introduction to data analysis…patterns and trends

- Increased digital literacy

WHAT DOES THE CS PROGRAM LOOK LIKE IN HEB ISD?

Create an INCLUSIVE computer science culture in the school... EVERY STUDENT can learn CS!

WHAT DOES THE CS PROGRAM LOOK LIKE IN HEB ISD?

▶ Grades K – 2

▶ **<u>Every</u>** student will have bi-weekly computer science lessons

▶ Computer science teachers may also co-teach extra lessons with grade-level teachers

- Grades 3 - 6
  - Students will have the opportunity to opt in to the CS Program, where they will take Computer Science in their Fine Arts rotation
    - Fall Semester – No Art; Spring Semester – No Music
    - Art and Music projects will be built into the CS curriculum at each grade
  - Students will explore a different device each year; all students will receive the device

Apply online at www.hebisd.edu/transfers before February 26, 2021. Applications are required and space is limited.

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