Technology Devices

Dr. Jarod Lambert

Director of Information Systems

Typical Classroom*

*This is the typical configuration for newly constructed classrooms going forward. Configuration is evaluated based on changing instructional needs and changes in technology available.

- Classroom projector
  - Most projectors were updated 2017-2018
- Teacher setup:
  - Computer, monitor and speakers
  - Document camera
  - IP phone mounted on wall (some rooms have secondary phone on teacher desk)
  - Chromebook or iPad
  - Mimio (new construction only)
- Students
  - PK - 1st grade – iPads
  - 2nd grade and above – Chromebooks
  - Very few student desktop computers (except for CTE programs)
  - iPad and Chromebook carts

Approximate Number of Classrooms per Campus (Excluding Portables)				
Elementary	Intermediate	Junior High	High School	Portables
45	60	75	135	251 (Total)

How Do Devices Support Instruction?

- Online Textbooks
- Student assignments
- Student projects
- Teacher taking attendance
- Projecting student work
- Daily Instruction
- Math Review
- Students documenting their learning
- STAAR/EOC/SAT Online testing
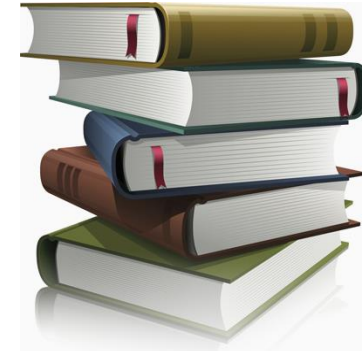- Formative Assessment
- Problem-Solving
- Science Experiments

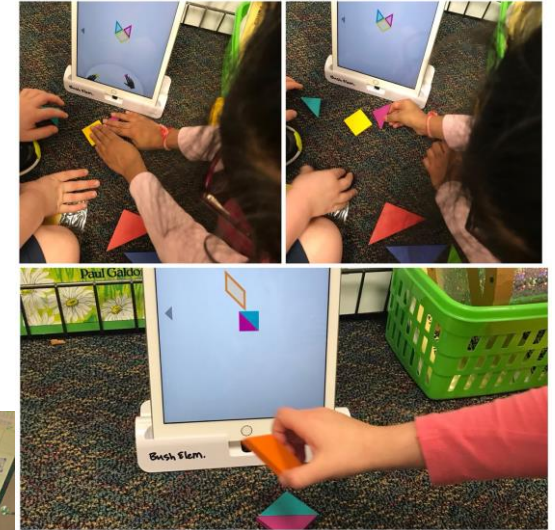# Different Tools for Different Times

My School Tools

Trapper & Trapper Keeper

https://youtu.be/HFT-1sdOzrl

Tools Today

CANVAS   Seesaw

Online Textbooks

What we do with devices is dependent on the infrastructure we have in place.

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How Do Devices Support Instruction?

Math Review

Problem Solving

Formative Assessment

BOND PLANNING COMMITTEE
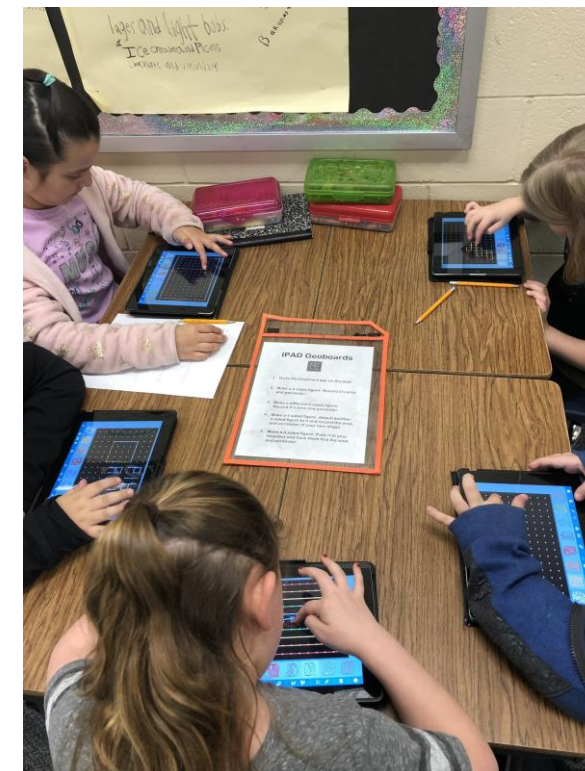CONROE ISD

Science Experiments

How Do Devices Support Instruction?
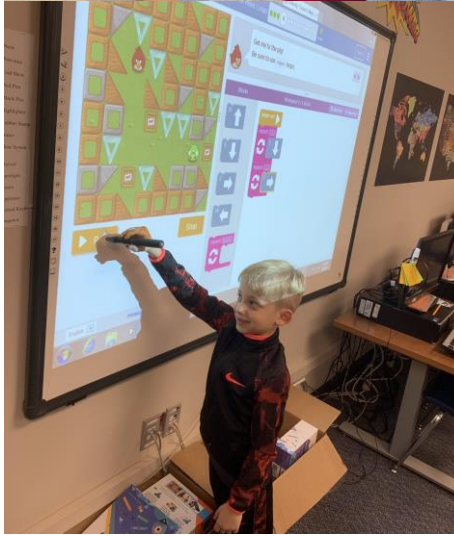
Math Projects

Creative Writing

Research

How Do Devices Support Instruction?

Virtual Field Trips

Learning to Code

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Budget Needed to Replace Devices

	23-24	24-25	25-26	26-27	Total
iPads	$3,825,800	$3,825,800	$1,422,783	$480,928	$9,575,310
Chromebooks	$6,160,000	$2,040,500	$0	$12,127,500	$20,328,000
Additional Chromebooks for testing and Growth	$1,160,625	$1,160,625	$1,160,625	$1,160,625	$4,642,500
Printers	$87,500	$87,500	$87,500	$87,500	$350,000
Computers	$1,000,000	$2,348,750	$1,376,250	$0	$4,725,000
Total	$12,233,925	$9,463,175	$4,067,158	$13,856,553	$39,620,810

Notes:
- This is not a plan for one-to-one computing.
- The 2019 bond package did not include any funds for devices.

Chromebook Falloff Dates

Year	Month	Model	Number
2021	September	Dell Chromebook 11	1,250
2022	June	HP Chromebook 11	14,086
2024	June	Lenovo 100e	4,802
2027	June	HP Chromebook 14	17,923
2027	June	Dell Chromebook 3100	12,596
2029*	June	HP Chromebook 14 G7	19,009
		Total:	69,666

*2029: Falloff Chromebooks are **not** included in device replacement estimates. They are included to show future falloff numbers.

Student Device
Demonstrations