

# Fox Chapel Area School District Elementary Curriculum Overview



PTA/PTO Meeting Presentation  
Fall 2018

# Meeting Agenda

Topic	Curricular Effort	Presenter(s)
Process Overview	All Content Areas	Ashley Constantine
English Language Arts	Journeys and Foundations	Sari Brecosky & Dana Simile
Mathematics	Eureka Mathematics	Ashley Constantine
STEAM	FCASD STEAM Curriculum	Megan Collett

# Process Overview

## Core Value: Teacher Leadership

- Elementary Curriculum Committees
- Math, ELA, Writing, Grammar, STEAM, etc.

## Core Value: Investing in People

- Professional Development
- Shared Philosophy

## Core Value: Comprehensive Resource Reviews

- Pilots
- Progress Monitoring

## Core Value: Communication

- Curriculum Nights, District Forum, Site Based Teams, PAGE, and PTA/PTO



# Journeys

First year under our belts

- ❖ Students showed success
- ❖ Teachers happy with materials
- ❖ Strengthening weak components
  - Grammar
  - Writing
- ❖ Tiered system of instruction
  - Remediation to Enrichment



# Fundations

- ❖ System of development is in the final stage

- ❖ Signs of achievement evident

- Smaller intervention groups
- Those in the groups are well-defined in area of need



# Elementary Mathematics

Pennsylvania Legacy Standards	Pennsylvania Core Standards
Standard: <b>Apply place-value</b> concepts and numeration to counting, ordering, grouping and equivalency.	Standard: <b>Apply place-value</b> strategies to solve problems.
What is the place value of 5 in the number 2,995? A. ones B. tens C. hundreds D. thousands	Three students were comparing how many times they each jumped on a trampoline. Dan jumped 345 times. Keisha jumped 356 times. LeVar jumped more times than Jorge and fewer times than Keisha.  When each student's total was rounded to the nearest hundred, Dan's total and LeVar's total were the same. Which value could be the number of times LeVar jumped on the trampoline?  A. 305 B. 347 C. 350 D. 362

# The Fox Chapel Philosophy

1. Establish unit and lesson plans aligned to **PA Core State Standards**
2. Build **procedural fluency and conceptual understanding**
3. Implement **math tasks** that promote reasoning and problem solving
4. Use and connect mathematical **representations**
5. Facilitate meaningful math **discourse**
6. Support productive **struggle**
7. Elicit and use evidence of **student thinking**



# Eureka Math Update



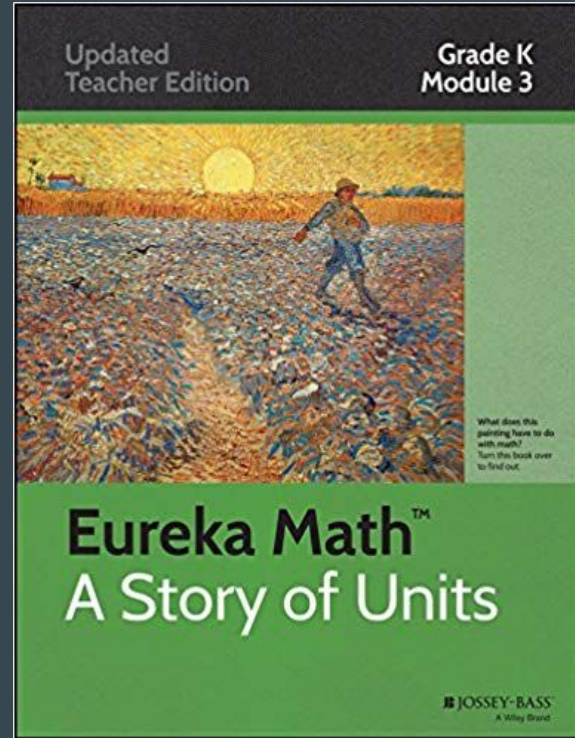


# Eureka Mathematics Overview

- *Eureka Math* is a complete Pre-K through 12 curriculum that **carefully sequences the mathematical progressions** into expertly crafted modules.
- Fully **standards-aligned** (\*PA added addressed through curriculum work.)
- **Coherent approach** that allows teachers to know what **incoming students** already have learned and ensures that students are prepared for what comes next.
- *Eureka Math* reduces gaps in student learning, instills **persistence in problem solving**, and prepares students to understand advanced math.

# Eureka Math Lesson Progression

1. Fluency Practice
2. Application Problem
3. Concept Development
4. Problem Set
5. Student Debrief
6. Exit Ticket
7. Home Learning



# Teacher Supports

Scope and Sequences

Common Curriculum Based Assessments

Monthly MC/OE Samplers (\*Grades 3-5 Only)

PA Added Supplemental Units

Manipulatives, Calculators, Student Consumables, Teacher Editions

Fluency Resources



# Student Supports

## TIER II

Eureka Look Back

Box of Facts

Dreambox (K-2)

Think Through Math (3-5)

## TIER III

Number Worlds

## ADVANCED LEARNERS

Enrichment and Acceleration Opportunities



# FCASD Math Parent Nights

*Coming Soon...*  
*October 29 at Kerr*  
*January 31 in HS LGI*



# STEAM Curriculum



# Content & Inquiry



Standards



Assessments



# Science STEAM Curriculum Priorities

1. **Facts and terminology** learned as needed while developing explanations and designing solutions supported by evidence-based arguments and reasoning
2. **Systems thinking and modeling** to explain phenomena and to give a context for the ideas to be learned
3. Students **conducting investigations**, solving problems, and engaging in discussions with teachers' guidance
4. Engaging with **multiple sources**, including science-related magazine and journal articles and web-based resources



# Curricular Components



**National Geographic  
Teacher Edition**



**Enrichment**



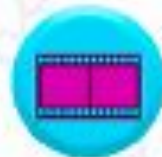
**Student Workbook**



**Small Lab**



**Inquiry Bundle**



**Digital Content**



**Big Idea / Vocab Cards**



**Mobile Fab Lab**

# SMALLab & Mobile Fab Lab



# What's New?

*Learn more!*



**Interested in our Spanish immersion pilot program? Attend an informational session!**

- **Kerr Elementary:** 6 p.m. Oct. 1 and Dec. 3 (multipurpose room)
- **Fairview Elementary:** 6 p.m. Oct. 2 and Dec. 4 (cafeteria)
- **Hartwood Elementary:** 6 p.m. Oct. 3 and Dec. 5 (library)
- **O'Hara Elementary:** 6 p.m. Oct. 4 and Dec. 6 (auditorium)

Questions? Contact Ashley Nestor, executive director of elementary education and instruction, at (412) 967-2411 or [ashley\\_nestor@fcasd.edu](mailto:ashley_nestor@fcasd.edu).

Thank You!



Parents are partners in education!  
We appreciate all that you do!