

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 Fundations | 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

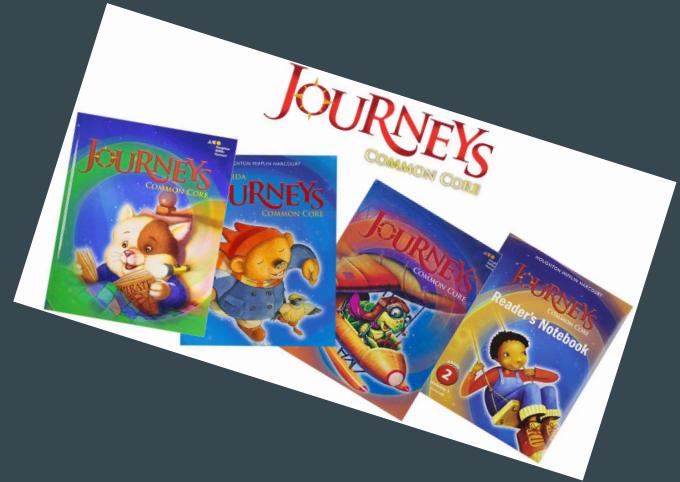
- Curriculum Nights, District Forum, Site Based Teams, PAGE, and PTA/PTO



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: Apply place-value concepts and numeration to counting, ordering, grouping and equivalency. | Standard: Apply place-value strategies to solve problems. |
| <p>What is the place value of 5 in the number 2,995?</p> <p>A. ones B. tens C. hundreds D. thousands</p> | <p>Three students were comparing how many times they each jumped on a trampoline.</p> <p>Dan jumped 345 times.</p> <p>Keisha jumped 356 times.</p> <p>LeVar jumped more times than Jorge and fewer times than Keisha.</p> <p>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?</p> <p>A. 305 B. 347 C. 350 D. 362</p> |

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

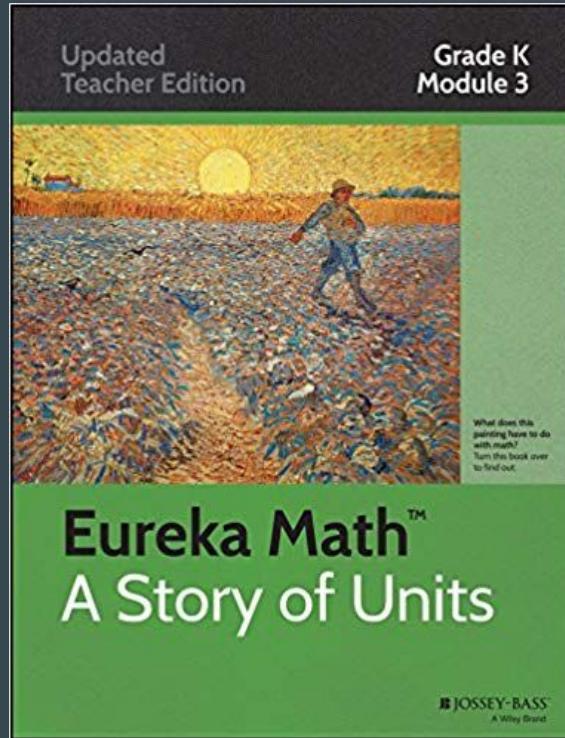


Eureka Mathematics Overview

- *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 HHS LGI



STEAM Curriculum



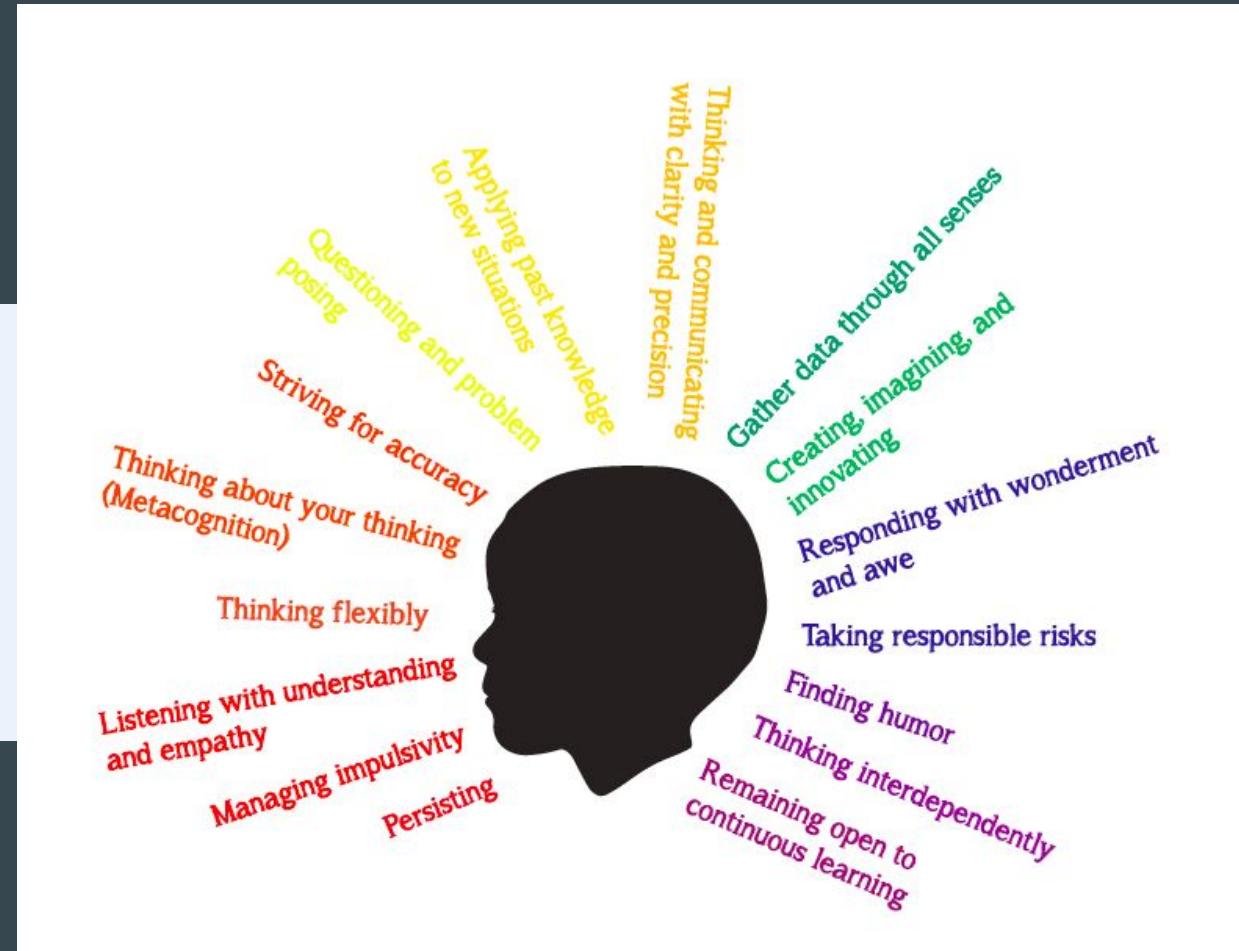
Content & Inquiry



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**



Student Workbook



Inquiry Bundle



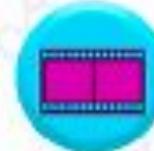
Big Idea / Vocab Cards



Enrichment



Small Lab



Digital Content



Mobile Fab Lab

SMALLab & Mobile Fab Lab



What's New?



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.

Thank You!



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