

# Education Update: Spring - Summer 2022

PENNCREST School District • May 9, 2022



**PENNCREST**  
EMPOWERING LIFE-LONG LEARNERS



**CAMBRIDGE SPRINGS  
ELEMENTARY**



**MAPLEWOOD  
ELEMENTARY**



**SAEGERTOWN  
ELEMENTARY**



# Overview

- **STARs (Student Tutoring and Academic Recovery)**
- **Mathematics**
- **Assessment**
- **Curriculum**
- **Instruction/Professional Development**
- **Technology Services/Systems**
- **Transportation/Facilities**



**CAMBRIDGE SPRINGS  
JR/SR HIGH**



**MAPLEWOOD  
JR/SR HIGH**



**SAEGERTOWN  
JR/SR HIGH**

# STARS Program

## Spring Term 1

- 324 Total students participated
- STAR Math 70% rate of improvement
- STAR ELA 65% rate of improvement

## Summer Term 2

- Maplewood Elementary & Cambridge Springs
- July 5 - August 11
  - T, W, Th 8:00 am - noon
  - Breakfast and Lunch provided
- Grades K - 8
  - Reading, Special, Math
- Grade 9 - 12
  - Edgenuity for course recovery

# Mathematics Improvement Planning

## K - 10

- Lowest performing academic area district wide
- New curriculum resources
- Redeveloped Scope & Sequence by course
- Focused professional development
- Focused instructional coaching
- ***New Comprehensive Plan Goals to be developed***

## 10 - 12

- Curriculum Resources
- Redevelop Scope & Sequence by course
- Focused Professional development

# ASSESSMENT

## Star and OLSAT

- ELA- 51% mid year 2022
- Math - 33% mid year 2022
- Olsat (grade 2) mid year 2022
  - Verbal 46 percentile
  - Non-verbal 32 percentile

## PSSA/Keystone

- PSSA Spring 2021
  - ELA - below 50%; Math below 30%
- Keystone Spring 2021
  - Algebra 32%; Biology 53%; ELA 55%
- ***New Comprehensive Plan Goals to be developed for ELA and Math***

# CURRICULUM

## Math, ELA, Science & Social Studies

- Curriculum reviews in Chalk
- Scope & Sequence development in Chalk
- Board presentation/approval of documents in August
- Publicly posted new curriculum documents on website in August
- ***New Comprehensive Plan Goals to be developed***












## Other Content Areas

- B.C.I.T. new resources & course redevelopment
- Family Consumer Sciences new resources & course redevelopment
- Health new resource

# CURRICULUM

## Sample Kindergarten Math Map

Penncrest School District

UNIT	# OF LESSONS	DATES
 Unit 1: Identify and Describe shapes	13 lessons	Aug 31 - Sep 26, 2022
 Unit 1: Numbers 0 to 5	16 lessons	Sep 27 - Oct 19, 2022
 Unit 2: Compare Numbers 0 - 5	10 lessons	Oct 20 - Nov 3, 2022
 Unit 3: Numbers 6 - 10	14 lessons	Nov 4 - Nov 29, 2022
 Unit 4: Compare Numbers 0 -10	10 lessons	Nov 30 - Dec 13, 2022
 Unit 5: Understanding addition	16 lessons	Dec 14, 2022 - Jan 24, 2023
 Unit 6: Understanding Subtraction	16 lessons	Jan 25 - Feb 15, 2023
 Unit 7: More Addition and Subtraction	15 lessons	Feb 16 - Mar 10, 2023
 Unit 8: Count Numbers to 20	11 lessons	Mar 13 - Mar 27, 2023
 Unit 9: Compose and Decompose numbers 11 to 19	13 lessons	Mar 28 - Apr 18, 2023
 Unit 10: Count with numbers to 100	9 lessons	Apr 19 - May 1, 2023
 Unit 12: Analyze, Compare and Create Shapes	11 lessons	May 2 - May 16, 2023
 Unit 13: Describe and Compare Measurable Attributions	10 lessons	May 17 - Jun 7, 2023
 Unit 14: Step Up to First Grade	1 lesson	Jun 8 - Jun 8, 2023

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Aug 31, 2022 - Jun 8, 2023

## October

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
25	26 Unit 1: Identify and Describe shapes	27 Unit 1.5: Numbers 0 to 5	28	29	30	1
2	3 Unit 1.5: Numbers 0 to 5	4	5	6	7	8
9	10 County Professional Development Day	11 Unit 1.5: Numbers 0 to 5	12	13	14	15
16	17 Unit 1.5: Numbers 0 to 5	18	19	20 Unit 2: Compare Numbers 0 - 5	21	22
23	24 Unit 2: Compare Numbers 0 - 5	25	26	27	28 PENNCREST Professional Development Day	29
30	31 Unit 2: Compare Numbers 0 - 5	1	2	3	4 Unit 3: Numbers 6 - 10	5

# CURRICULUM

## Unit 1: Identify and Describe shapes

Sample Kindergarten Math Map - Last Updated on May 5, 2022

### DESIRED RESULTS

#### Transfer

Students will be able to independently use learning to **identify and describe two- and three-dimensional shapes**

#### Meaning

##### Big Ideas & Understandings

- Students will understand that...
- Shapes can be flat or solid
  - Shapes can be identified by their properties

##### Essential Questions & Instructional Questions

- Students will keep considering...
- **The Standards of Mathematical Practices.**
    - How to Make sense of problems and persevere in solving them.
    - How to Reason abstractly and quantitatively.
    - How to Construct viable arguments and critique the reasoning of others.
    - How to Model with mathematics.
    - How to Use appropriate tools strategically.
    - How to Attend to precision.
    - How to Look for and make use of structure.
    - How to Look for and express regularity in repeated reasoning

#### Acquisition

##### Knowledge

- Students will know...
- **Acquired Knowledge #1**
  - **Acquired Knowledge #2**
  - **Acquired Knowledge #3**
  - ...
  -

##### Skills

- Students will be skilled at...
- Naming shapes as flat or solid.
  - Identifying and describing circles and triangles.
  - Identifying and describing squares and other rectangles.
  - Identifying and describing hexagons.
  - Identifying and describing solid figures.
  - Describing shapes in the environment.
  - Describing positions of shapes in the environment.

## Unit 1: Identify and Describe shapes

Sample Kindergarten Math Map - Last Updated on April 27, 2022

### ASSESSMENT EVIDENCE (DIAGNOSTIC / FORMATIVE / SUMMATIVE)

#### ASSESSMENT

##### Formative:

- In-class observations, class polls, exit tickets, etc.

##### Summative:

- Topic 1 Assessment

##### Student Self-Assessment/Reflection:

- Thumbs up, down, sideways

##### Benchmark & Diagnostic Assessments:

- Optional: Online Cumulative/Benchmark Assessment

### LEARNING OPPORTUNITIES

#### Student Activities, Tasks, or Strategies:

- Solve and Share
- Visual Learning Bridge
- Guided Practice
- Independent Practice

#### Math Centers - reteach, intervention, and enrichment opportunities

Concrete (physical manipulatives), representation (drawings), abstract (numeric/mathematical symbols) (CRA)

Freckle Math

### RESOURCES

Savas Envision Chapter(s)

Number Talks



# Instruction/Professional Development

## ELA

- Columbia University Teachers College teacher & administrator institutes June & August
- Word work development for grades 3 - 5
- Read 180
- ***New Comprehensive Plan Goals to be developed***

## Math

- Dr. Riccomini training & coaching to assist struggling learners (year long)
- Math 180
- ***New Comprehensive Plan Goals to be developed***

# Instruction/Professional Development

## Social Studies

- Penn State University inquiry based training/addressing difficult topics
- U.S. Government assessment in the high schools

## Not Subject-Specific

- Inclusion
- Schoology Learning Management System
- Penn State U. inquiry based training and addressing difficult topics (year long)
- Dr. Joe Sanfilipo (October 10, 2023)
- Wellness
- CPI, YMHFA, UKERU
- ***Comprehensive Plan Goals***

# TECHNOLOGY SYSTEMS/ SERVICES

## Upgrades

- Zero Eyes install
- Upgrade and Configure all school computer labs with new equipment
- Elementary Camera upgrades and installation to Cisco Meraki
- Transition to Schoology - Learning Management System
- Saegertown GESA - Removal/setup of projectors, cameras, access points, computer labs

## Annual Service/Updates

- McGraw Hill/SAVVAS/HMH SSO setups/Powerschool rollovers
- Network Security
- Inventory hardware district wide
- Website updates
- ***Comprehensive Plan - Tech Plan***

# TECHNOLOGY SYSTEMS/ SERVICES

## Annual Service/Updates

- MFA
- Offsite backups/DR
- User accounts cleanup
- Migration of JIRA/Confluence
- Microsoft Intune
- Wasp Time Management
- Wasp Asset Management

## Annual Service/Updates

- Content Filter and reporting updates
- iPads software/management
- PCA in Powerschool
- PowerSchool Rollover
- Google Drive storage
- Other tech infrastructure check-ups

# Schedule

# ELEMENTARY Key Dates

SES	GRADES 5 & 6 BAND/CHOIR	TUESDAY	MAY 10, 2022	7:00 P.M.
MES	GRADES 5 & 6 BAND/CHOIR	WEDNESDAY	MAY 11, 2022	7:00 P.M.
SES	GRADE 6 MUSICAL	FRIDAY	MAY 13, 2022	7:00 P.M.
MES	KINDERGARTEN WELCOME APPTS.	TUE.-THURS.	MAY 17-19, 2022	5:00-7:00 P.M.
SES	GRADE 5 MUSICAL	FRIDAY	MAY 20, 2022	7:00 P.M.
MES	6TH GRADE ORIENTATION @ MHS	TUESDAY	MAY 24, 2022	
SCHOOLS CLOSED MEMORIAL DAY		MONDAY	MAY 30, 2022	
SHS & SES CLOSED FOR SUMMER CONSTRUCTION		FRIDAY	JUNE 10, 2022	4:00 P.M.

**STARS**      **Maplewood Elementary & Cambridge Springs Campus**  
**July 5 - Aug. 11, 2022**  
**Tuesdays, Wednesdays, Thursdays 8:00 A.M. - Noon**

**Extended School Year**  
**Cambridge Springs Campus**  
**June 21 - July 28, 2022**  
**Tuesdays, Wednesdays, Thursdays 8:00 A.M. - 11:00 A.M.**

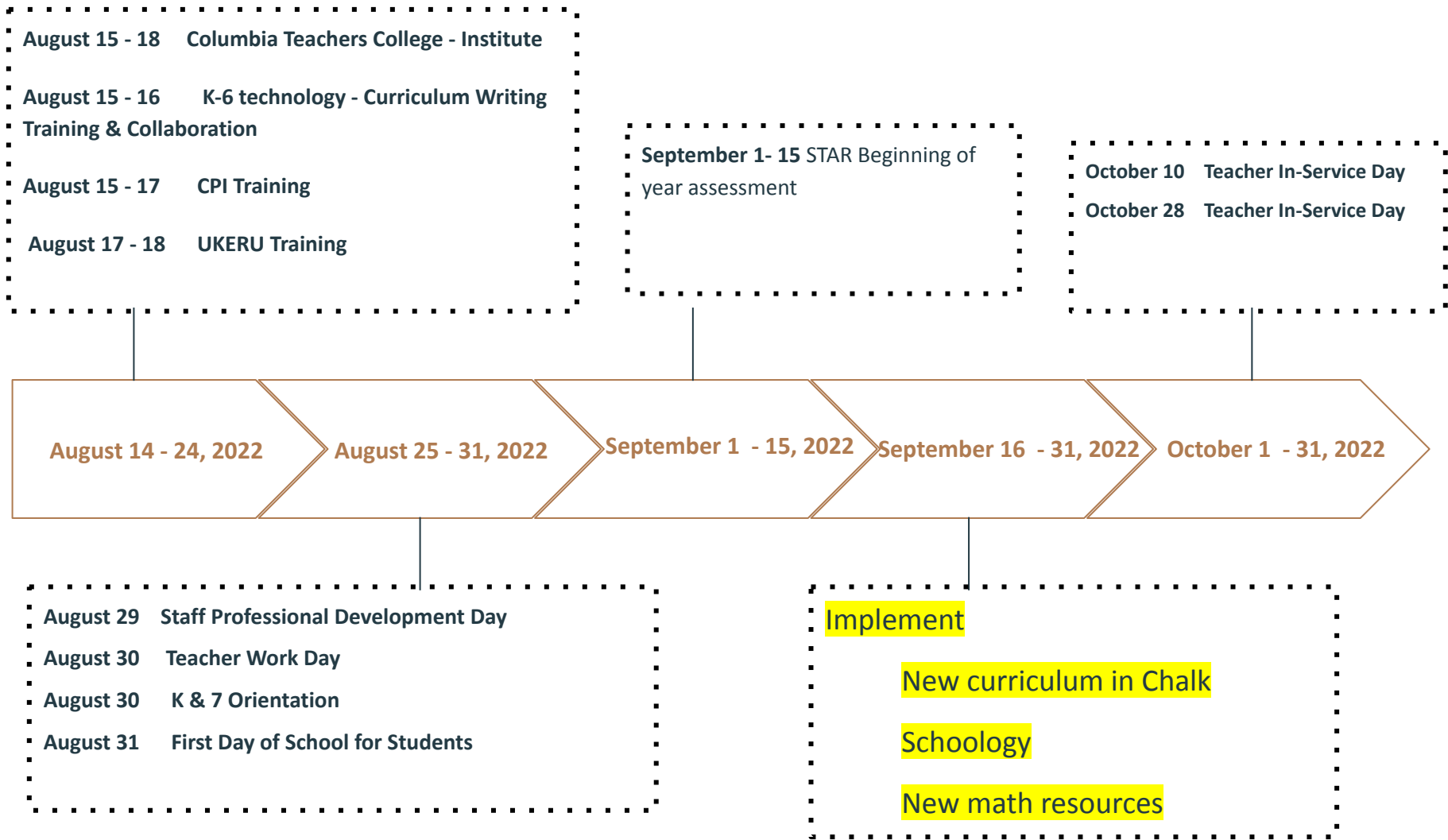
# JR/SR HIGH Key Dates

CAMBRIDGE PROM (Riverside Golf)	FRIDAY	MAY 13, 2022	
CAMBRIDGE CARES DAY	FRIDAY	MAY 20, 2022	
MAPLEWOOD H.S. MAY SHOW	FRIDAY	MAY 20, 2022	6:00 P.M.
PENNCREST HI-Q @ CAMBRIDGE SPRINGS H.S.	THURSDAY	MAY 26, 2022	7:00 P.M.
SCHOOLS CLOSED MEMORIAL DAY	MONDAY	MAY 30, 2022	
HIGH SCHOOL GRADUATION	THURSDAY	JUNE 9, 2022	6:00 P.M.
SHS & SES CLOSED FOR CONSTRUCTION	FRIDAY	JUNE 10, 2022	4:00 P.M.

<u>STARS</u>	Maplewood Elementary & Cambridge Springs Campus July 5 - Aug. 11, 2022 Tuesdays, Wednesdays, Thursdays 8:00 A.M. - Noon
<u>Extended School Year</u>	Cambridge Springs Campus June 21 - July 28, 2022 Tuesdays, Wednesdays, Thursdays 8:00 A.M. - 11:00 A.M.







# TRANSPORTATION & FACILITIES

## **Transportation Project 1**

STARs and ESY transportation routing

## **Transportation Project 2**

Routing for all 3 campuses with both contractors and special transportation setup all three campuses

## **Saegertown Area Projects**

Saegertown Campus G.E.S.A. Project  
Soccer bleachers, gravel lot, fencing, electric, concrete pads

## **Maplewood Area Projects**

Softball field infield redo, bleacher pads, various concrete slabs, campus outbuilding upgrades, MES parking lot crack sealing and line painting

## **Cambridge Springs Area Projects**

Weight room roof, doors, repairs, concession stand siding, doors, soffit/fascia, repair baseball dugout roof



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