

TESD Curriculum Council

March 2023



WELCOME



Four Agreements*

- Stay Engaged
- Experience Discomfort
- Speak Your Truth
- Expect/Accept Non-Closure

*Pacific Educational Group



Further Considerations

- Everyone Participates
- Everyone Has the Right to Pass
- All Opinions are Honored
- The Committee is Free from Social Media





Goal

To provide a forum for faculty, administrators, students, parents, Board members and community members to come together and discuss topics related to the District's educational program.



Work of the Committee

The work of the Curriculum Council may include...

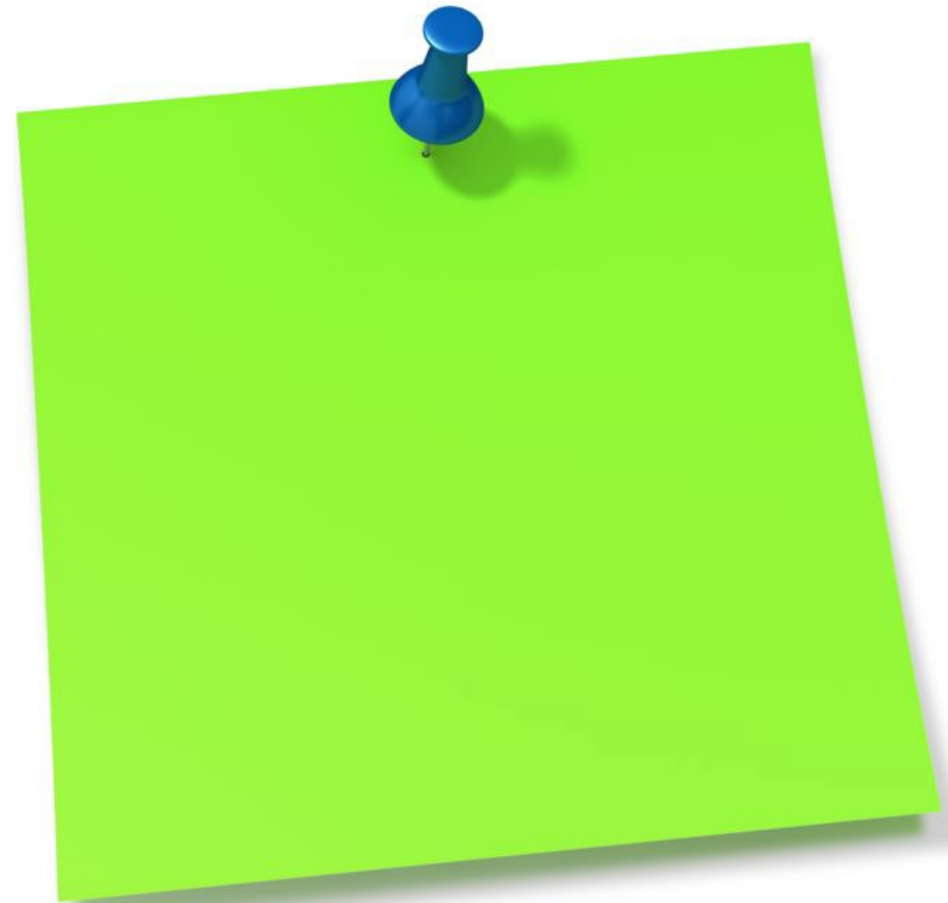
- Highlighting the work happening in the District
- Reviewing successes and obstacles associated with curricular initiatives
- Discussing significant changes to curriculum and assessment
- Addressing questions related to the educational program in order to inform future decisions
- Receiving presentations on timely topics from outside experts


Today's Agenda

- Welcome
- Review of Priorities Identified in Previous Meeting
- Chester County Mental Health and Optimal Development Consortium
- New PA STEELS Standards

The word "AGENDA" is displayed in a large, bold, sans-serif font. Each letter is a different color: 'A' is purple, 'G' is blue, 'E' is green, 'N' is yellow, 'D' is orange, and 'A' is pink. The letters have a slight 3D effect with a shadow cast to the right.

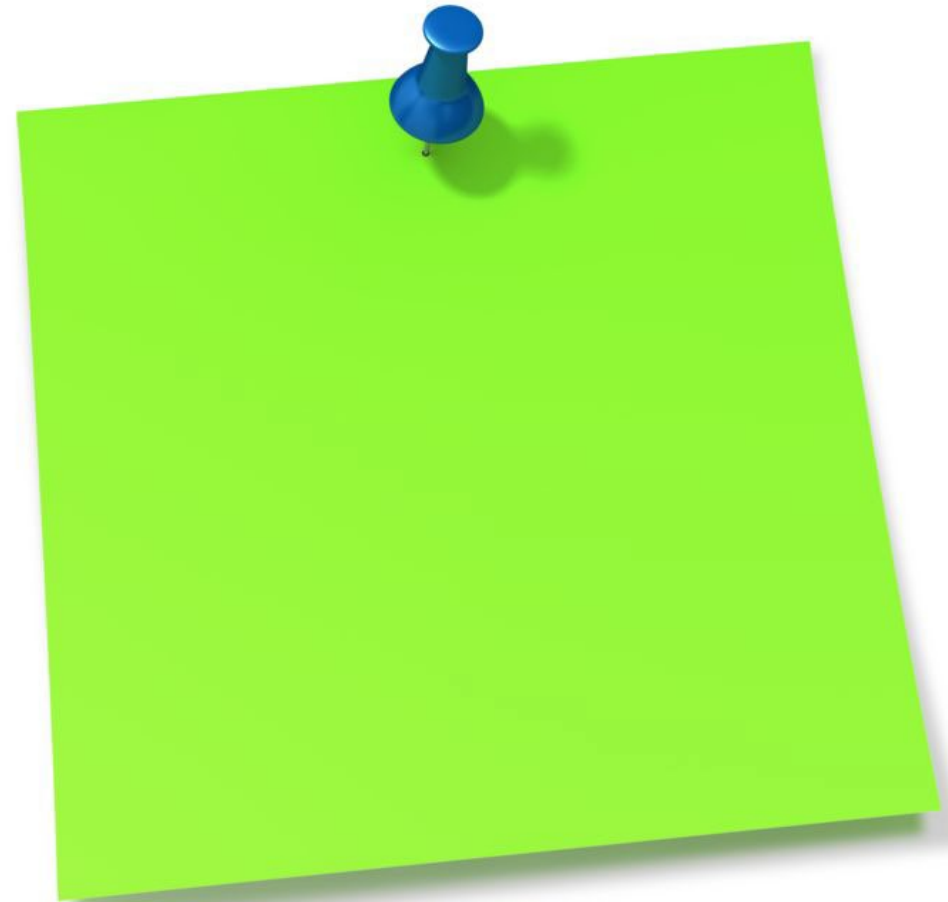
- Find ONE Sticky Note & ONE Writing Utensil
- Write the 1st word that comes into your mind on the Sticky Note





Find a partner – put your two words
together and create an app, experience,
or product that is named after these
two words

3 minutes!





NEW PA SCIENCE, TECHNOLOGY, ENGINEERING, ENVIRONMENTAL LITERACY & SUSTAINABILITY STANDARDS

PA STEELS STANDARDS

IMPLEMENTATION BY

2025 – 26 SCHOOL YEAR



CURRENT SCIENCE STANDARDS VS NEW SCIENCE STANDARDS

CURRENT PA SCIENCE STANDARDS


- PROVIDE SEPARATE LISTS OF CONTENT STUDENTS SHOULD KNOW AND PROCESSES THAT THEY SHOULD BE ABLE TO DO
- BASED ON THE BENCHMARKS FOR SCIENCE LITERACY (1993) AND THE NATIONAL SCIENCE EDUCATION STANDARDS (1996)
- OFTEN ASSESSED WITH MULTIPLE CHOICE QUESTIONS THAT EMPHASIZED DEFINITIONS
- ENGINEERING OFTEN EXCLUDED
- NO CONNECTIONS TO MATHEMATICS AND ENGLISH LANGUAGE ARTS

NEW PA SCIENCE STANDARDS

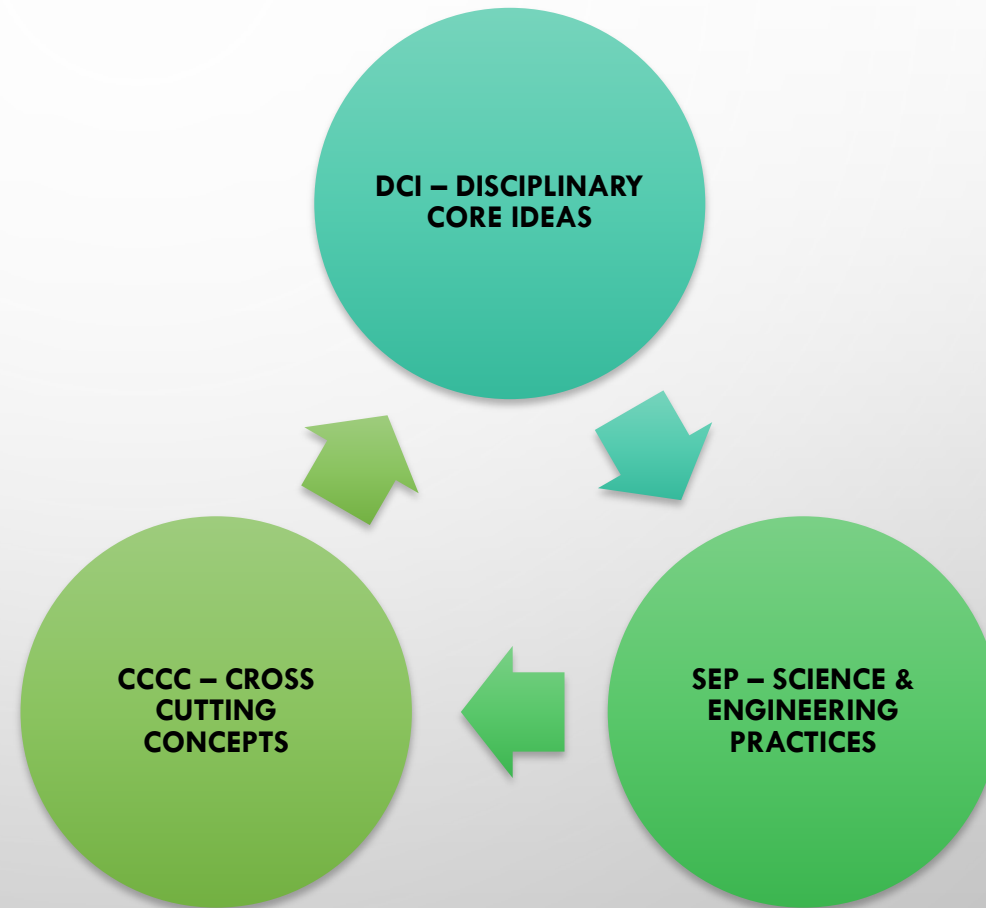
- PROVIDE A SET OF PERFORMANCE EXPECTATIONS THAT INTEGRATE PRACTICES, CORE IDEAS, AND CROSSCUTTING CONCEPTS
- BASED ON THE FRAMEWORK FOR K-12 SCIENCE EDUCATION (2012)
- DESIGNED TO BE ASSESSED IN REAL WORLD CONTEXTS
- ENGINEERING INTEGRATED WITH SCIENCE
- EXPLICIT CONNECTIONS TO MATHEMATICS AND ENGLISH LANGUAGE ARTS INCLUDED



PA STEELS STANDARDS IN ACTION

- SAMPLE LESSON:
 - [HTTPS://THEWONDEROFSCIENCE.COM/MLCCC55](https://thewonderofscience.com/mlccc55)
 - PHENOMENON
 - INQUIRY PROCESS
 - CREATE A MODEL OF THE PROCESS
 - DESCRIBE WHAT IS HAPPENING
 - DEMONSTRATION OF THE PROCESS
 - ARTICULATE THE SCIENTIFIC PHENOMENON
- 

PA SCIENCE STANDARDS INTEGRATIVE INSTRUCTIONAL MODEL

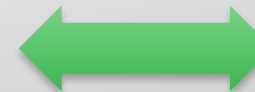


PA STEELS STANDARDS

**PA SCIENCE STANDARDS
INTEGRATIVE MODEL**

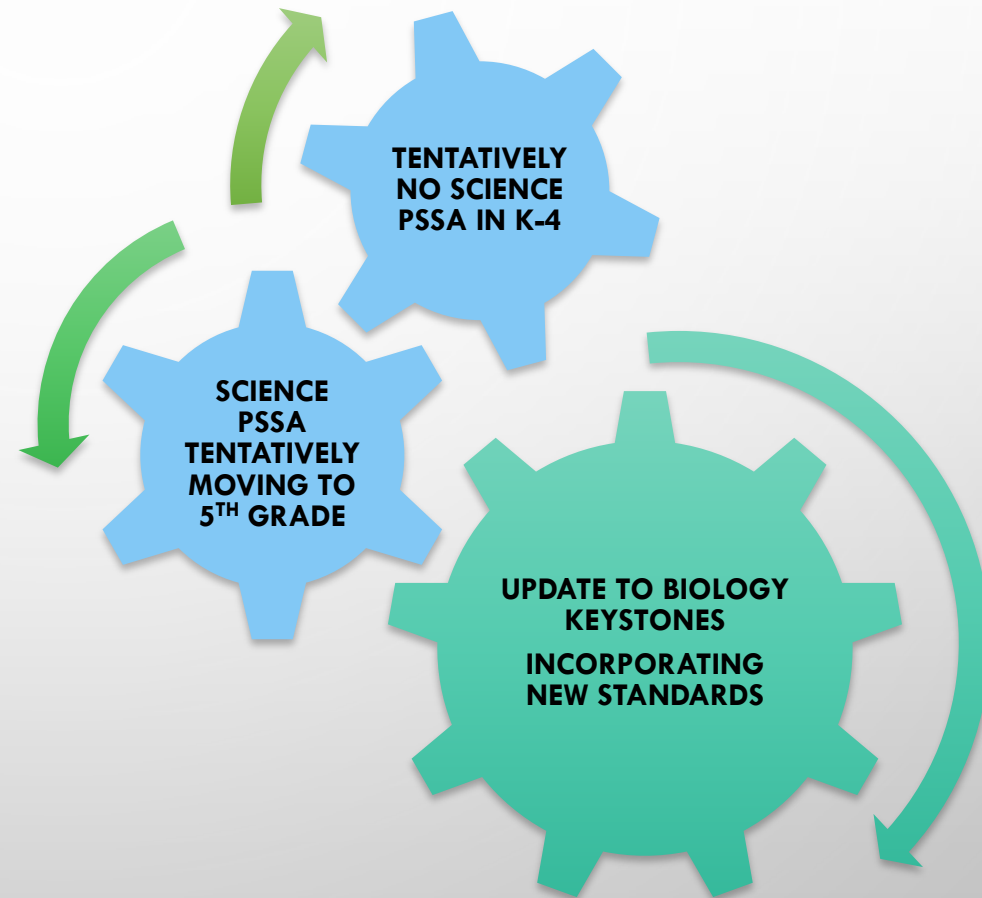


**ENVIRONMENTAL LITERACY &
SUSTAINABILITY**



**TECHNOLOGY & ENGINEERING
PRACTICES**

IMPACT TO CURRENT CURRICULUM



CURRENT PROFESSIONAL DEVELOPMENT TIMELINE

CCIU – THREE K-12 SCIENCE STANDING COMMITTEE ½ DAY PROFESSIONAL DEVELOPMENT DAYS

ELEMENTARY

CURRICULUM CHANGE K- 5

SUMMER WORKSHOP STEELS SUB
COMMITTEE 2023

CCIU PROFESSIONAL DEVELOPMENT:

2 FULL DAY INSERVICE DAYS 2023

5 - ½ DAY PROFESSIONAL DEVELOPMENT
DAYS WITH GRADE BANDS K-1, 2-3, 4-5

PILOT NEW CURRICULUM 2024

FULLY IMPLEMENT 2025

MIDDLE

CURRICULUM UPDATES

SUMMER WORKSHOP STEELS
COMMITTEE 2023

CCCIU 3- DAY SUMMER WORKSHOP

6TH – 8TH GRADE 2023

PILOT NEW INSTRUCTIONAL METHODS
2024

FULLY IMPLEMENT 2025

CHS

CURRICULUM UPDATES

SUMMER WORKSHOPS BY COURSE
2023 – 2024

BIOLOGY UPDATES TO COINCIDE WITH
NEW KEYSTONE UPDATES

2023 -2024

INSERVICE DAYS PROFESSIONAL
DEVELOPMENT

2024 -2025

FULLY IMPLEMENT 2025

The image is a horizontal composition. The left half features a blurred laboratory scene with glassware, including a beaker and a test tube, and a dropper with a single drop of liquid. The right half is a dense collage of colorful sticky notes (pink, yellow, green, and blue) scattered across the frame, each featuring a large black question mark. The word "QUESTIONS" is centered in white, bold, sans-serif capital letters, overlapping the boundary between the two halves.

QUESTIONS