

**Curriculum Council Meeting**  
**March 15, 2023**  
**Agenda**

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

# 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

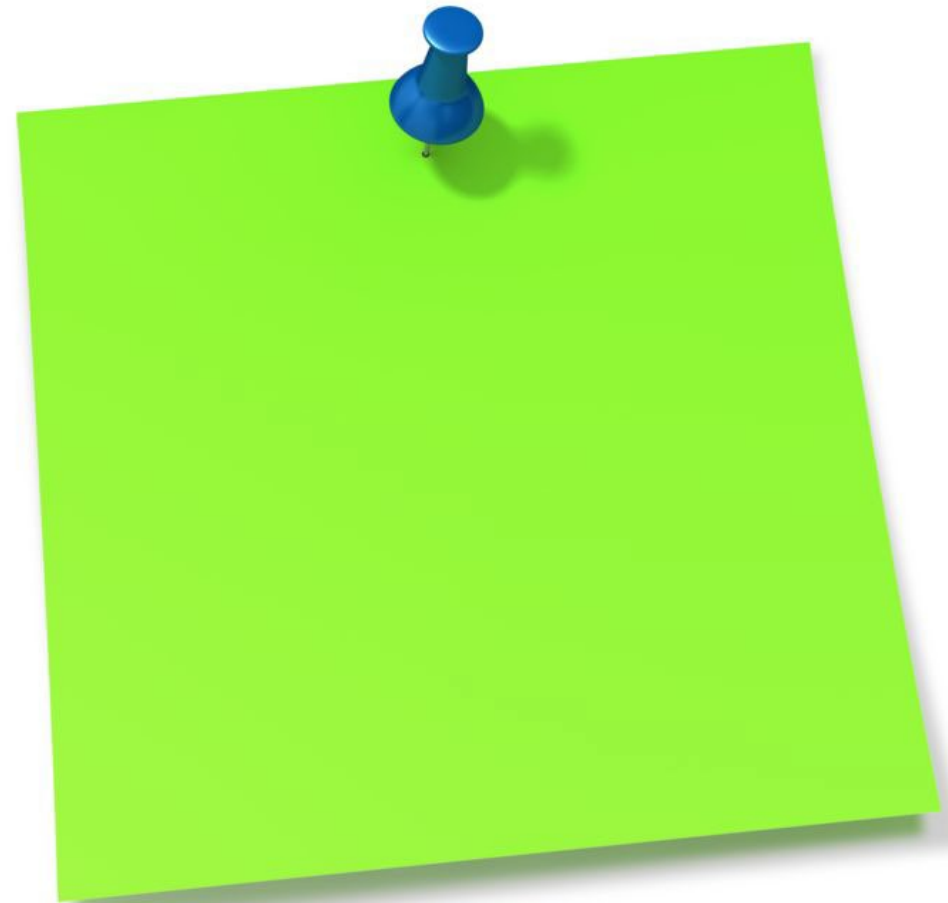
# Today's Agenda


- 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 on the right side.



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

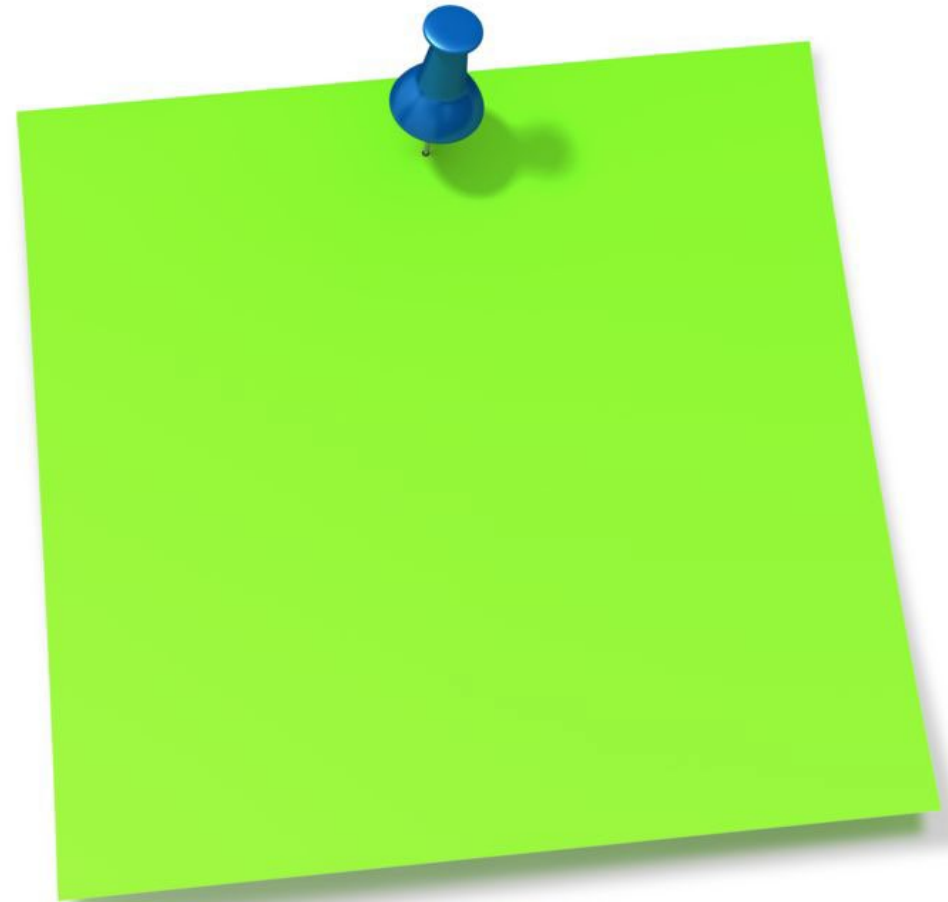




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Find a partner – put your two words  
together and create an app, experience,  
or product that is named after these  
two words

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

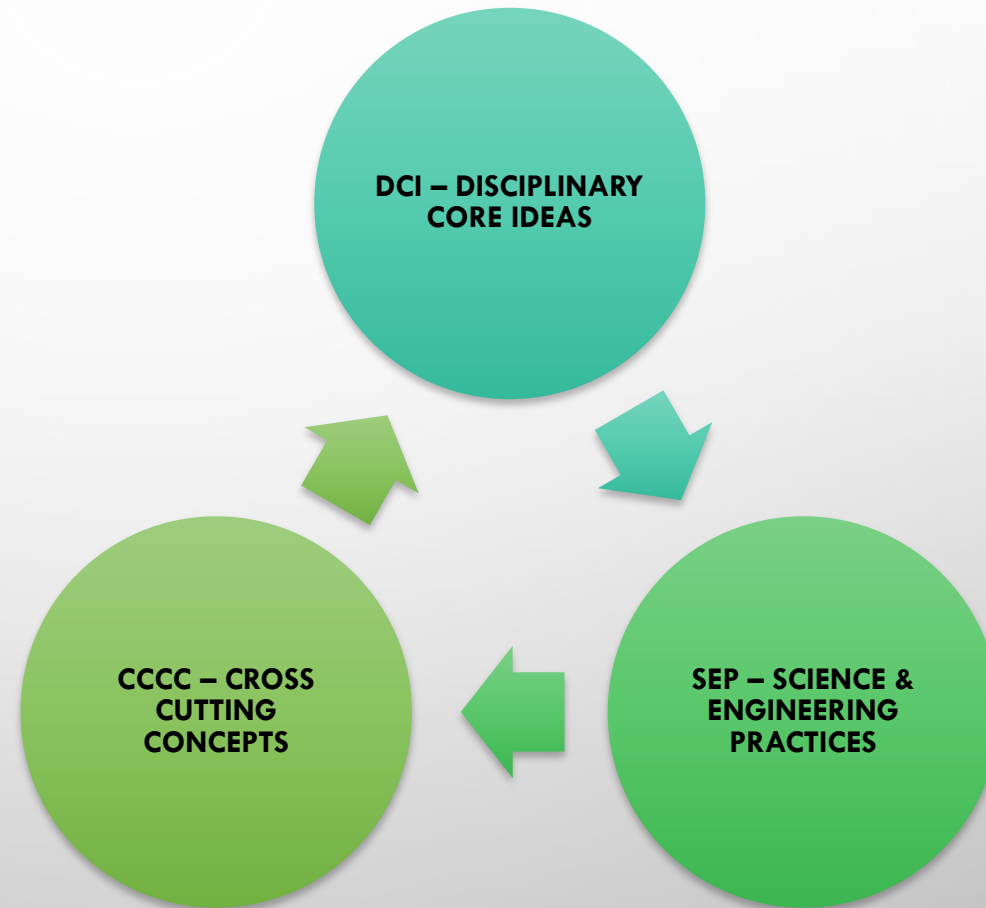


# PA STEELS STANDARDS IN ACTION

- 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

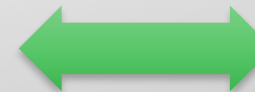


# PA STEELS STANDARDS

**PA SCIENCE STANDARDS  
INTEGRATIVE MODEL**

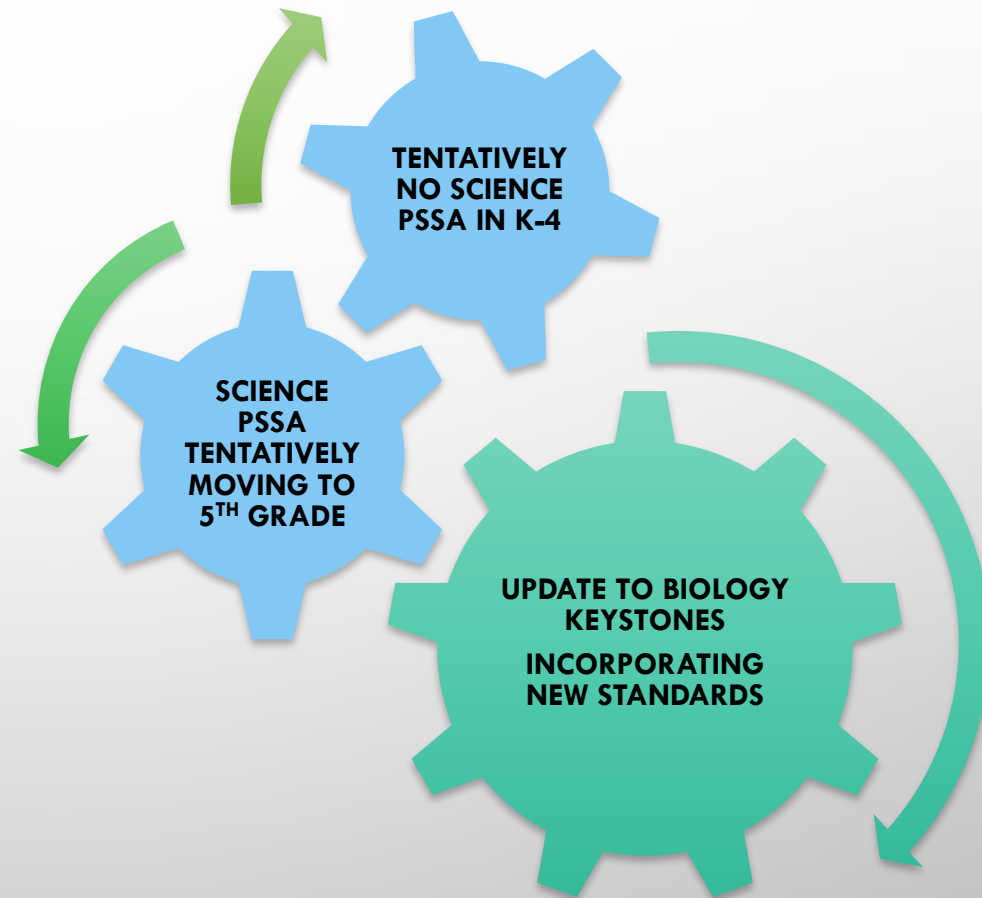


**ENVIRONMENTAL LITERACY &  
SUSTAINABILITY**



**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

6<sup>TH</sup> – 8<sup>TH</sup> 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