




2018-2019 Curriculum Work

Presented to
School District of Haverford Township
Board of Directors
September 20, 2018



Curriculum Review Cycle

SDHT Curriculum Review Cycle	2016-17	2017-18	2018-19
K12 ELA K-12 Reading	Audit	Develop	Implement 1
K-12 Science K-12 ART	Adjust and Align	Audit	Develop
K-12 Social Studies K-12 HPE	Adjust and Align	Adjust and Align	Audit

Science/STEM



- Introduction to Physical Science
 - Rewriting entire course throughout this year.
 - Focus on Engineering design teaching physics concepts.
 - Examples may include mousetrap car design and egg transportation
 - Teaching kinematics, Newton's laws, energy conservation and impulse momentum all through projects.
- Chemistry/Biology and Environmental Science
 - Re-writing academic and honors level curriculum
 - Utilizing new textbooks and NGSS standards to re-write curriculum
 - Focus on hands on science and engineering units

Science/STEM

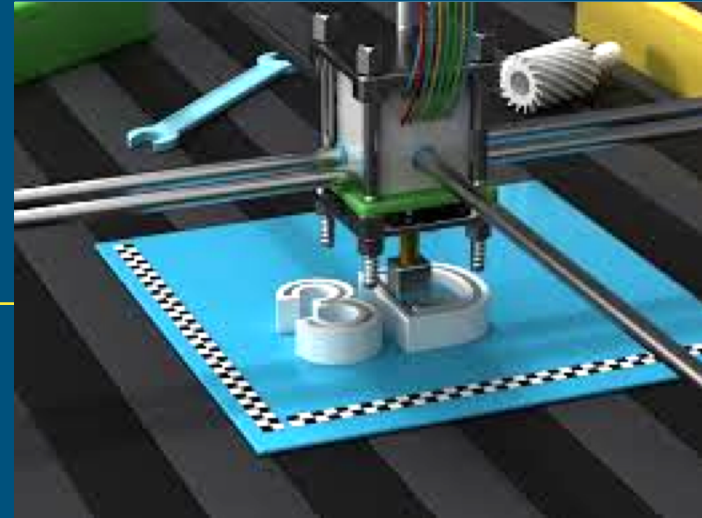
- 6-8 Science Unit Alignment
 - Focus on NGSS and PA Academic Standards
 - Develop more hands on units
 - Incorporate hands on engineering activities into all grades
- K-5 Science
 - Aligning all elementary schools to utilize all the same Science kits
 - Communicate about the science students are learning
 - Develop engineering units associated with science units
 - Develop 4 makerspace opportunities in each library throughout this school year to focus on the engineering process



Science/STEM

Technology Education

- Computer Science
 - Teachers received advanced training in Swift Programming and AP Computer Science training
 - Added Sphero and Drone Programming to Intro to IOS Programming
- Technology Education
 - Develop 3D printing in middle school
 - Develop more experiences with coding in middle school
 - Add more engineering design components

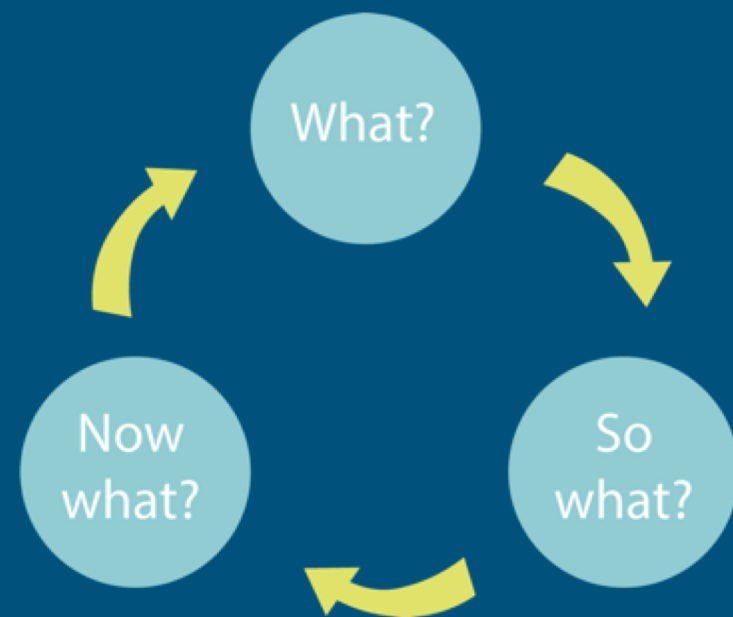


Humanities - 2018-19

ELA Implementation

K-6 - Implementation Year 2

- Use resources to adjust instruction based on checks for understanding
- Data analysis through use of Performance Tracker
- Shift in Text Dependent Analysis (TDA) to Analytical writing
- Increased parent communication

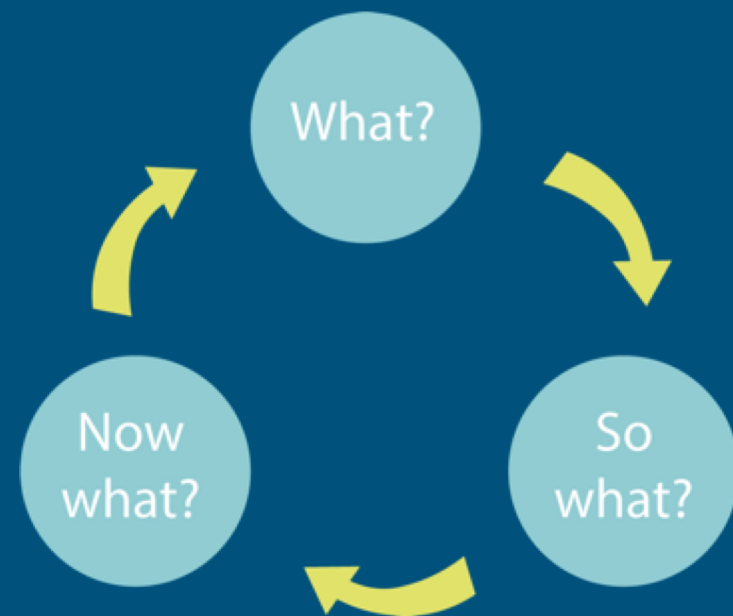


Humanities - 2018-19

ELA Implementation

7-12 - Implementation Year 2

- Adjusting and aligning curriculum as needed
- Adjusting instruction based on checks for understanding to meet student needs to remediate and extend
- Data analysis through use of Performance Tracker
- Alignment of curriculum and assessment to shift in Text Dependent Analysis (TDA) to Analytical writing
- 9th grade year-long course



Humanities - 2018-19

K - 12 Writing Committee

- Vision for Creation & Writing
- Writing expectation progression
- Common writing rubrics
- Grammar scope and sequence
- On-Demand writing assessments
- Disciplinary writing in SS and English



Social Studies & Health Physical Education

Background & Goal
Setting

Internal Analysis

External Analysis

Recommendations

Stage	Steps
Audit	Curriculum Assessment Baseline
	Background reading and preparation (e.g., SAS, UbD, Scholastic, and digital curriculum warehouse)
	Operational definitions based on curriculum template
	Evaluation rubric & exercise
	Internal Analysis
	K-12 sequential program review by content area
	Gap analysis (e.g., strengths, weaknesses, overlaps, standards-alignment, and gaps)
	Data analysis (e.g., test results)
	Data analysis (e.g., enrollment, recommendation criteria, and qualification matrices)
	Resource inventory (e.g., textbooks, technology, and equipment)
	External Analysis
	Empirical research by content area and strand
	Best practices via national associations (e.g., NCTM, AASL, ACTFL, or NCTE)
	Benchmarking and/or comparisons with other exemplary schools (e.g., interview, site visit, and/or survey)
	Establish "power standards," where possible
	Potential stakeholder surveys and/or focus groups

Professional Development

DATE	TOPIC
Curriculum Meetings	English Language Arts (ELA) Adjustments Science/STEM Curriculum Development Social Studies Audit Math Instruction Curriculum Development Adjusting Instruction
8/28-8/30	Sociocultural Identity (SCI) , Responsive Classroom, ELA & Math, Building PD
10/31, 1/18, 2/15, 5/31	SCI , Teaching Challenging Topics, Adjusting Instruction , Examining Student Work, Learning Fairs
11/7	SCI, Adjusting Instruction , Department & Building PD
4/22	FLEX-Adjusting Instruction & Book Study
5/21	FLEX-Adjusting Instruction & Book Study