



# 2018-2019 Curriculum Work

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



# Curriculum Review Cycle

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

# 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

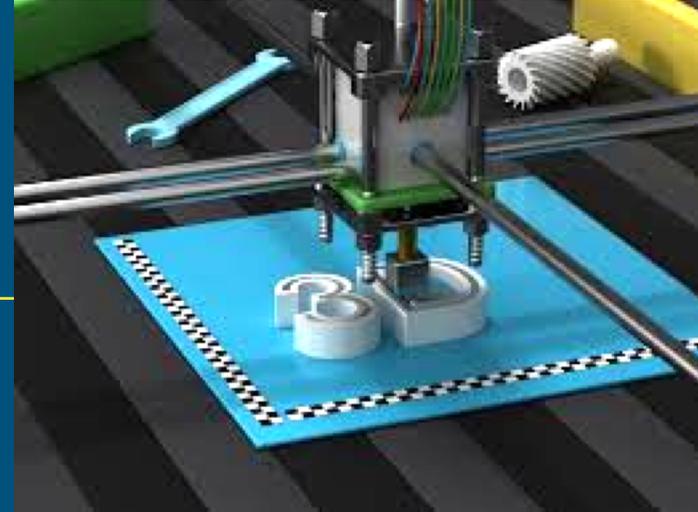
# Science/STEM

- 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

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## 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

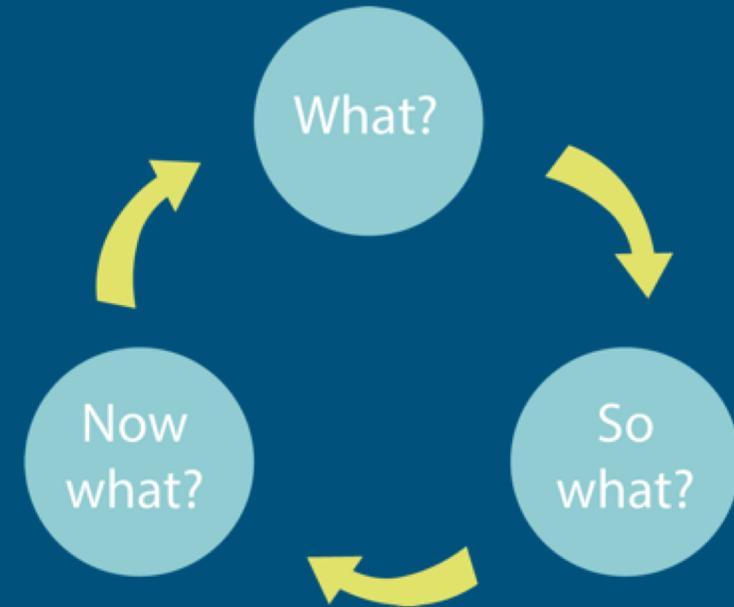
# Humanities - 2018-19

## ELA Implementation

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### 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



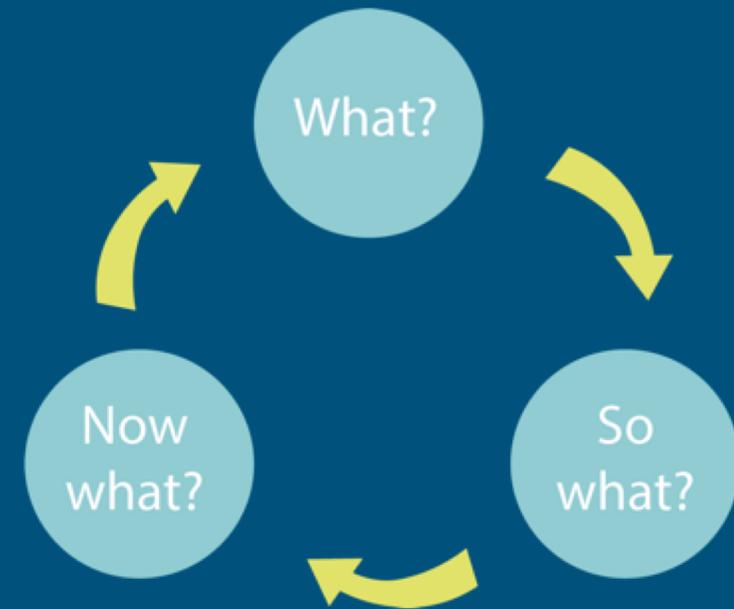
# Humanities - 2018-19

## ELA Implementation

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### 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

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## 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
<b>Audit</b>	<p>Curriculum Assessment Baseline Background reading and preparation (e.g., SAS, UbD, Scholastic, and digital curriculum warehouse) Operational definitions based on curriculum template Evaluation rubric &amp; exercise</p> <p>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)</p> <p>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</p>

# Professional Development

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