



Curriculum Committee Meeting  
Tuesday, March 12, 2024  
3:00 PM  
Remote Session

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- I. Call to order
- II. Approval of February meeting minutes
- III. Presentation: Digital Literacy & Technology Goals - 9-12 Lens
- IV. Curriculum and Instruction Updates:
  - Music in Our Schools Month (MIOSM)
  - Read Across America Month
  - Communication and preparation for the partial solar eclipse in Weston (April 8, 2024)
- V. Next meeting topics:
  - Math pilot update and next steps
- VI. Adjournment

## **Curriculum Committee Meeting**

February 14, 2024 at 3:00 p.m.

Via Google Meet

### Present Committee Members:

Bernadette Kingsley (Chairperson), Chad Hoepfner

### Present Administration:

Tina Henckel, Ed.D, Assistant Superintendent; Dan DiVito, Director of Digital Learning and Technology; Dan Doak, WMS Principal; Pattie Falber, WIS Principal; Laura Kaddis, HES Principal; Beth Lancaster, 6-12 Science and Technology CIL; Helen Knudsen, WMS Library Media Specialist; Kara Swezey, WHS Library Media Specialist

### **1. Call to Order**

The meeting was called to order at 3:01 p.m.

Discussion:

Dr. Henckel reviewed the general purpose of the Curriculum Committee meetings and reviewed the virtual meeting norms.

### **2. Approval of October, November and December 2023 meeting minutes**

Motion Passed: Move that the Curriculum Committee approve the January 2024 meeting minutes. This motion made by Chad Hoepfner and seconded by Bernadette Kingsley.

**2 Yeas - 0 Nays**

### **3. Presentation and Information on Digital Literacy and Technology Goals—6-8 Lens**

Discussion:

- Curriculum Leader Beth Lancaster presented on Weston Middle School technology and digital literacy. She reviewed the technology experiences at each grade level. For example, Grade 6 focuses on computer programming; Grade 7 focus is on design and modeling; and Grade 8 focus is on automation and robotics.
- Ms. Lancaster presented a video that demonstrated a programmed automated design, and gave examples of how technology is integrated into the middle school core curricula.
- She also spoke on technology enrichment programs such as VEX Robotics teams.
- Library Media Specialist Helen Knudsen shared some additional technology enrichment such as the WMS Morning Warrior Show. Students involved develop videography and video/audio editing skills.
- She reviewed some of the middle school library learning commons (LLC) responsibilities such as managing student Chromebooks and supporting student and teacher use of educational software, student instruction, supporting student technology use and teaching digital citizenship.
- Ms. Knudsen is working with a few WMS teachers who are piloting artificial intelligence (AI)

- uses in the classroom.
- Committee members inquired about the feedback students receive from AI pilot programs and how it differs from grading.
  - Committee also asked if there were places that technology is used where it was not necessary. Dr. Henckel responded that district technology use is purposefully designed with a goal mind.

#### **4. Update on Instructional Material Complaint (P1312)**

Discussion:

- Dr. Henckel reported that an ad hoc committee was formed to address the submitted complaint. The committee provided a thorough report to the superintendent. The committee has communicated out with the complainant.

#### **5. Additional Curriculum Updates**

Discussion:

- Dr. Henckel reported that planning has commenced for the American Reading Company implementation for grades 3-5. Some professional development for the implementation is starting in April.
- Dr. Henckel noted that at the regular Board of Education meeting this past Monday, February 12, there was an extensive presentation on mid-year progress to date. Those presentations (slide deck) are posted online.

#### **6. Next Meeting Topics**

Discussion:

- Presentation and information on digital literacy and technology goals with a grade **9-12** lens will take place at the March Curriculum Committee meeting on March 12, 2024.

#### **7. Adjournment**

Meeting adjourned at 4:18 p.m.

Respectfully submitted,

June Curiano



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# WHS Digital Literacy and Technology Presentation

Presented to the BOE Curriculum Subcommittee

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March 13, 2024

# Background Revisited



**June 2018**



**June 2018  
2024 Mandate**



**Digital Citizenship,  
Internet Safety, and Media  
Literacy Guidelines  
January 2020**

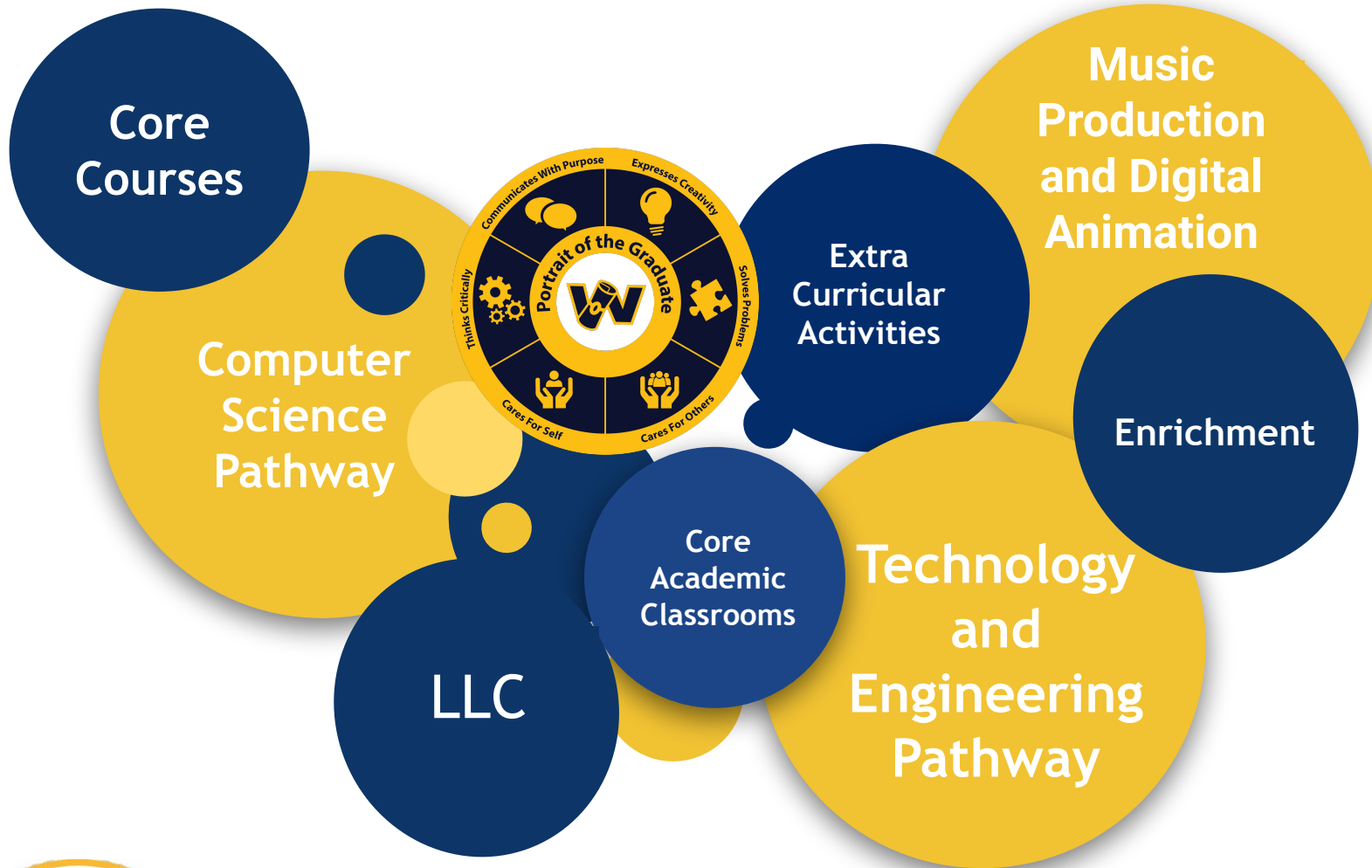


**December  
2021**

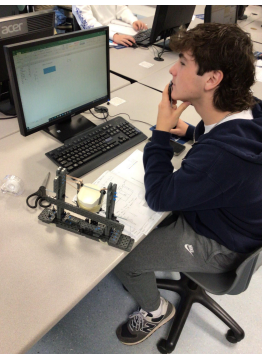
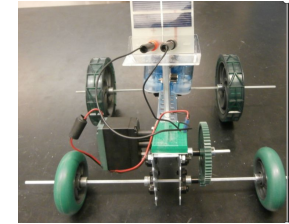
[ISTE and AASL Crosswalk](#)



# WHS Technology and Digital Literacy



# WHS Technology and Engineering Pathway



**Principles of Engineering**



**Digital Electronics\***

**Grade 9/10**

**Grade 11/12**

**Grade 9/10**

**Introduction to Engineering Design\***



**Grade 11/12**

**Civil Engineering & Architecture\***

7

**12 College Credits Through RIT**



4

**\*Alternating Years**

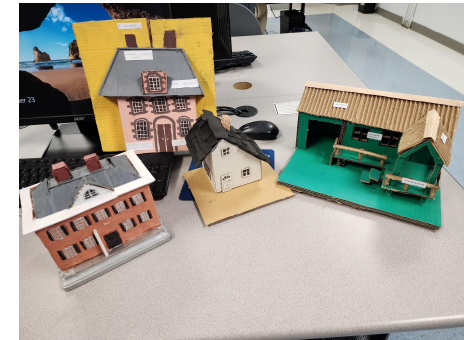


# Grades 11&12 - PLTW



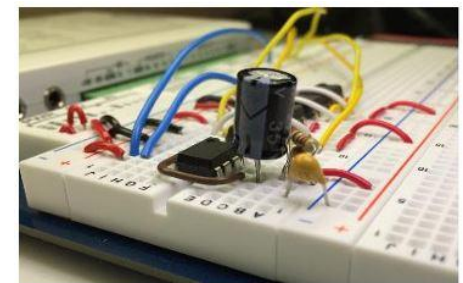
## Civil Engineering and Architecture

- Residential Design, Commercial Design, and Architecture

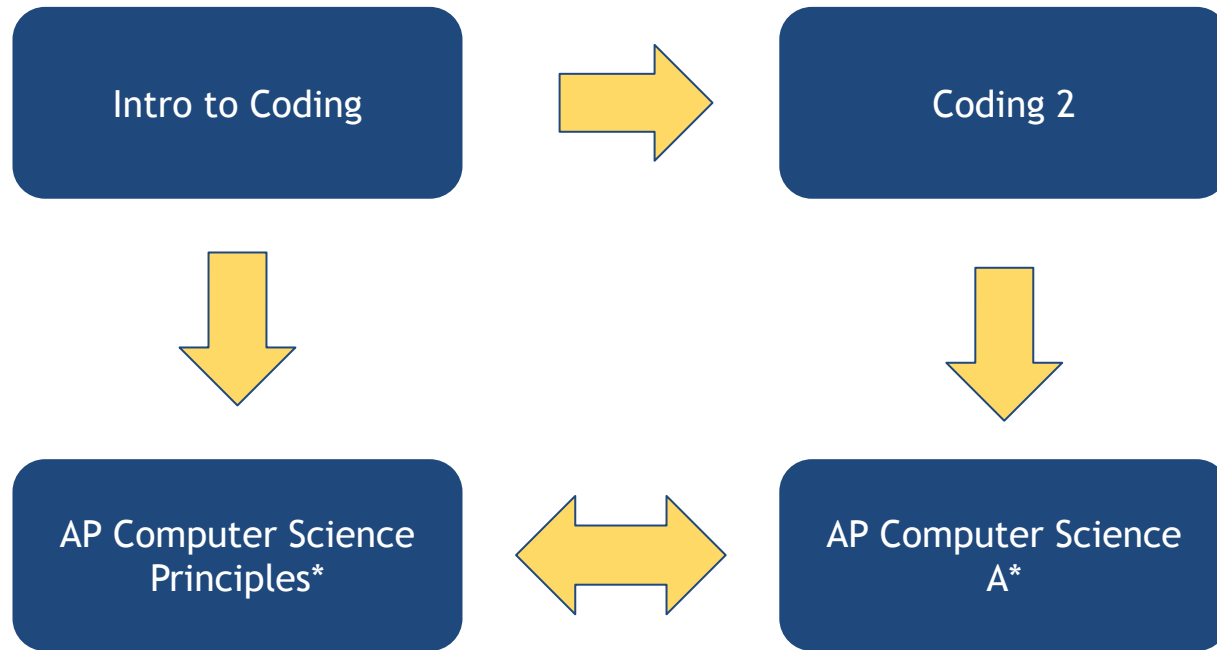


## Digital Electronics

- IC (Integrated Circuit) chips, Logic Gates, Microprocessors, Raspberry PI
- How do our Digital Devices work? What is a transistor?
- Counters, Car/home alarms, birthdate displays, tollbooth operations, and more!



# WHS Computer Science Pathway



<sup>10</sup>  
\*These courses run in alternating years

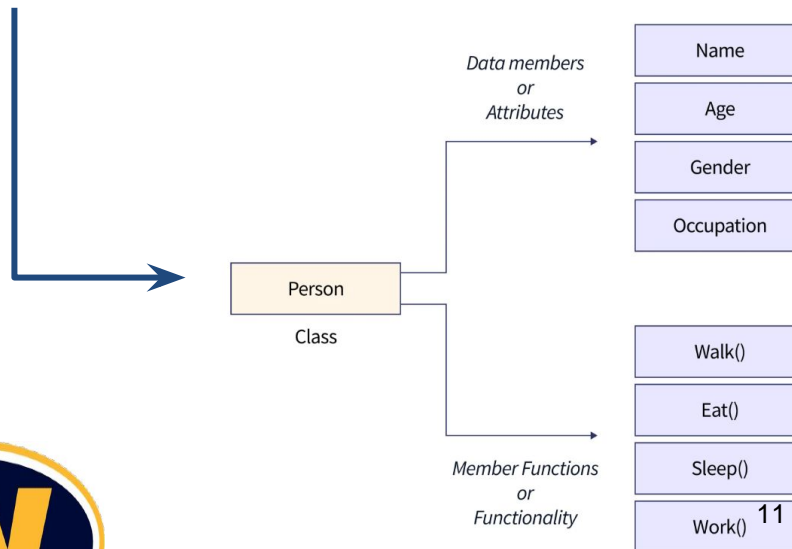
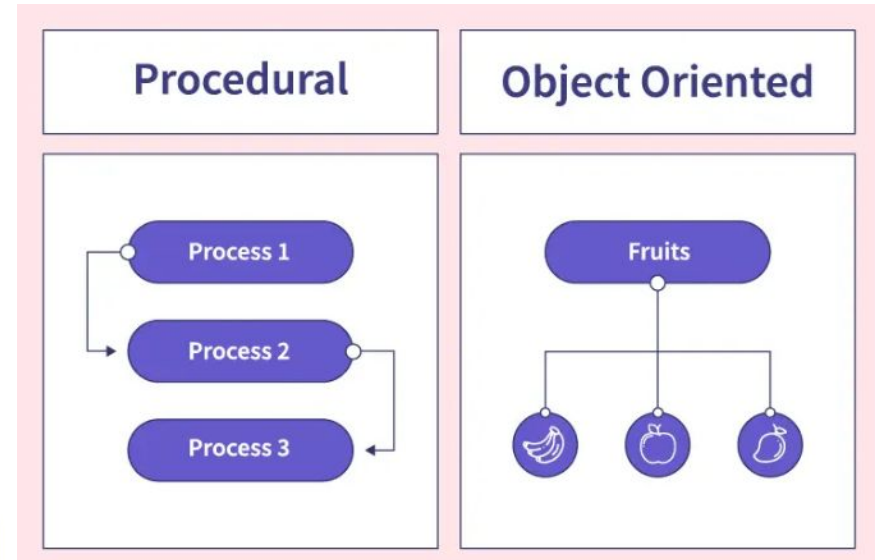
# Computer Science Semester Courses

## Introduction to Coding

- Introduction to Python

## Coding 2

- Python
- Object Oriented Programming



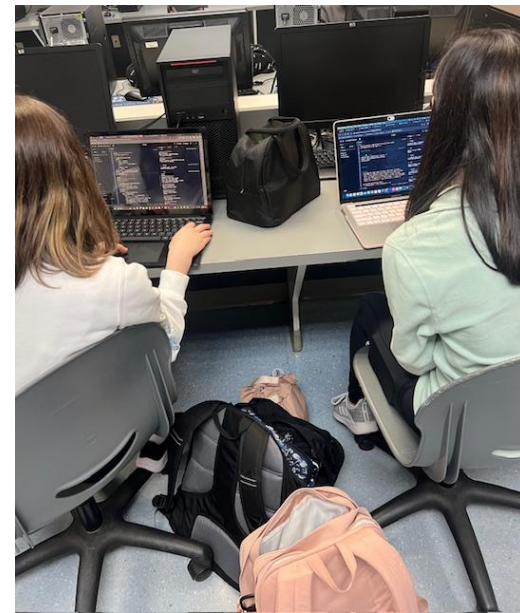
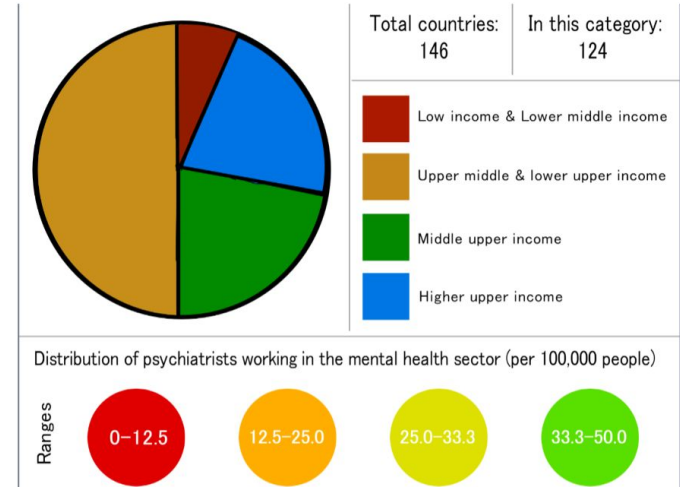
# AP Computer Science Courses

## AP Computer Science Principles

- College Semester Intro to Computing Course
- Creative problem solving in real world examples
- Assessment is portfolio based and multiple choice

## AP Computer Science A (Java)

- College Computer Science
- Exam based



# Core and Elective Courses

English

Math

Science

Social Studies

Electives

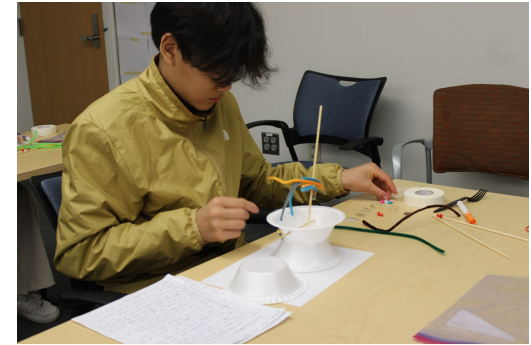
- Digital Illustration and Animation
- Digital Music Production
- Music Industry
- Contemporary Media Design
- Videography



# Enrichment Opportunities

## Science Olympiad

- STEM competition providing standards based challenges
- Technology and Engineering Events



## TEAMS

- Competition designed to help students discover their STEM potential
- Teams of two to four students apply their knowledge in practical, creative ways to solve real-world engineering challenges.



# Enrichment Opportunities

## WHS VEX Robotics Team

- Supports students in creating their identity as a STEM learner
- Expose students to valuable soft skills like communication, collaboration and time-management in a fun and authentic way



## American Computer Science League (ASCL)

- Competition which tests students on fundamental concepts in computer science
- Students explore concepts and technology with peers



# Technology Enrichment: News Studio

## WHS Weston Weekly After School Club

- Enhances student communication, collaboration, creativity, task commitment and time management skills, sense of communication
- Developes student tech skills
  - critical thinking, collaboration
  - digital switching and editing



# Weston High School LLC

Our vision is to create a dynamic and inclusive learning environment that empowers students to become critical thinkers, lifelong learners, and responsible citizens. We aspire for our students to be equipped with the skills and knowledge needed to succeed in college, career, and life.

Our learning commons will be a hub for collaboration and innovation, where students can explore new ideas, engage with diverse perspectives, and develop a love of reading and learning.

We strive to develop a community with a passion for learning, where everyone feels welcome, supported, and valued.



# The Changing Role of Libraries

## *Silent library no more?*

-Instructional support, collaboration, writing center, math lab, testing room, quiet study room, makerspace, two classrooms available for teachers, student groups, before and after school time





# Guest Speaker Series

October: Speaker from the Mohegan tribe in honor of Native American Heritage Month

November: Veterans' Day

December: Speaker from the Red Cross for American Government class

January: Holocaust Remembrance Speaker

February: Simon & Schuster Publishing Executive

March: UX Google Designer, Women's History Month from the Weston Historical Society

April: NY Federal Reserve Educational Director,  
Food Scientist

**\*\*Working with community members  
to continue to bring in  
individual speakers or panels.\*\***



# Connections: Classroom Push-ins

Digital Literacy, Digital Citizenship, Research Skills, Source Attribution

[Read Across America Week](#)

[Grade 9 Sources and Source Selection Lessons](#)

[Grade 9 Health Pathfinder.docx](#)

[Grade 11 Gilded Age Project](#)

[PACT Lesson Plans](#)



# WHS LLC Student Resources

- Space & support: Makerspace, text resources, staff support, Writing Center, Testing Room, Math Lab
- Chromebooks, Graphing and Scientific Calculators, Chargers, headphones
- Audio and Ebooks: Sora
- Podcast recording equipment
- 3D printer / Student printing
- Makerspace: 3D Printing, Cricut, Sewing, Embroidery, Raspberry Pi, Knitting, Spirograph, Coloring, Bracelet making, Button Making, Games, Puzzles, Playing cards, Colored pencils, Markers, Art Materials, Poster Board



# Computer Science, Technology, and Digital Literacy Next Steps

## Exploring The Possibilities...

- Embedding ISTE, AASL standards within Core Department Curricula
- Explore additional enrichment opportunities based upon student interest

