

# BIOMED PLTW: PBS + HBS

Overview of Principles of Biomedical Science and Human  
Body Systems classes (from PLTW)

2018-2019

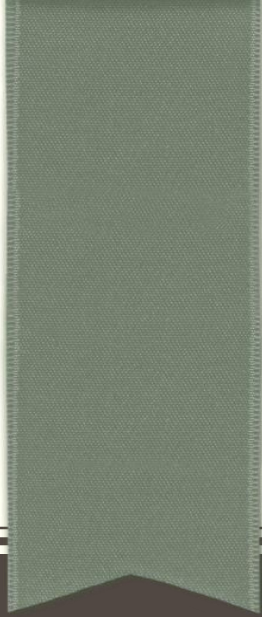


## **Features** of CCHS BioMed class

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- **PLTW track** – earn credits in colleges
- **AZ CTE EOCA** – pass AZ CTE
- **Certification** – OSHA and/or BACE
- **Innovation Fair** – Inventing techniques
- **CTSO** – HOSA ++
- **Advisory Board** – Support group for career advancement
- **Dual Enrollment** – more college credit



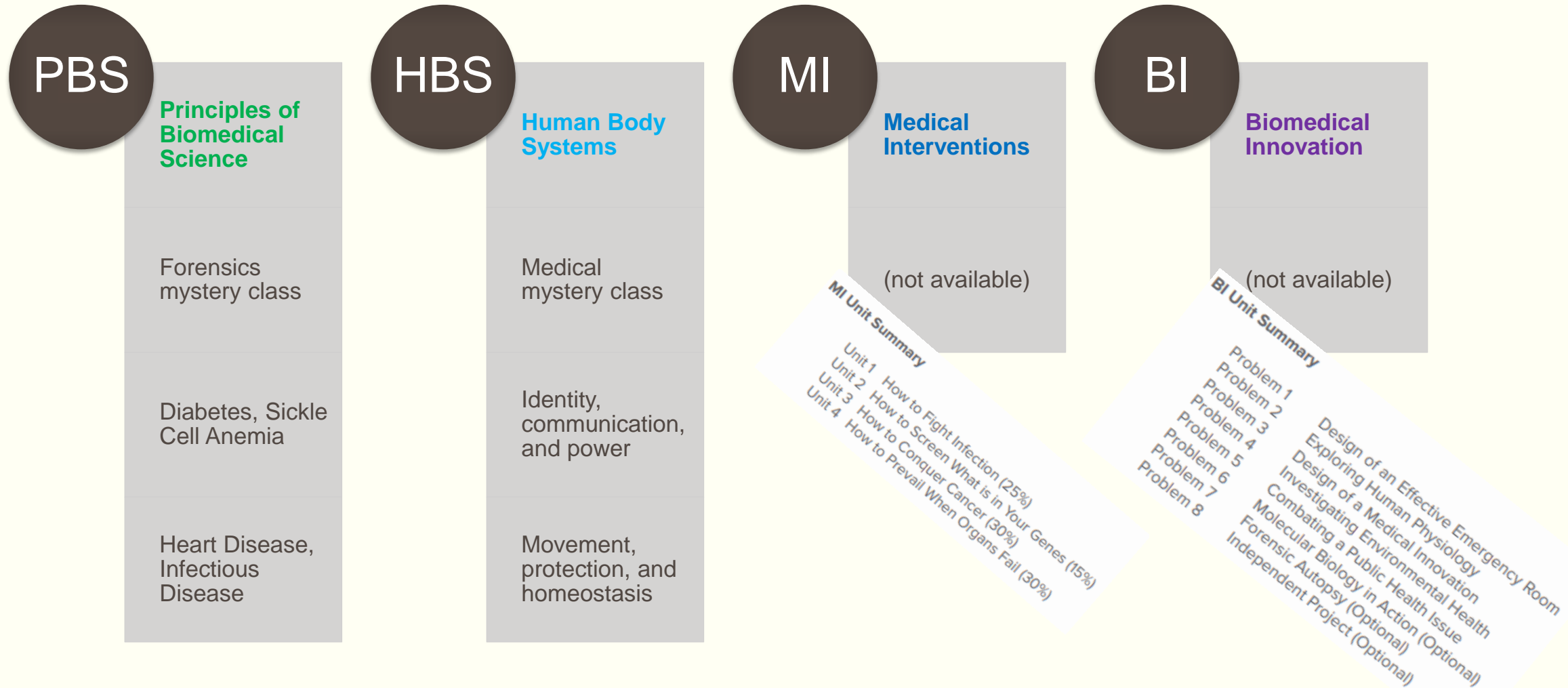


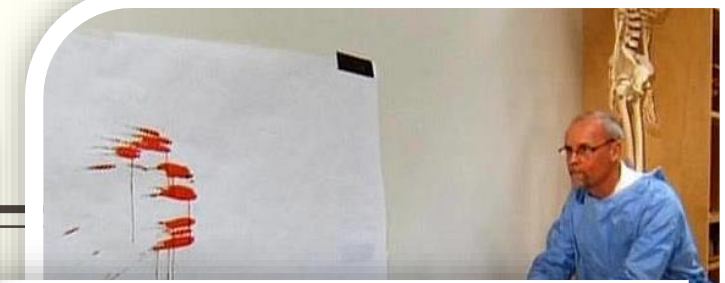
# PLTW CURRICULUM

PBS and HBS and more(?)

# PLTW content

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# AZ CTE EOCA

Required testing

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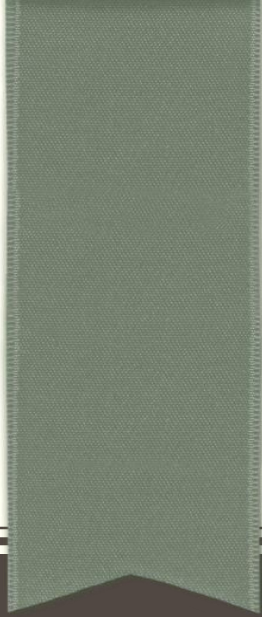
# AZ CTE EOCA

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= End of Course Assessment

- Helps determine success of the program
- *Possibly* help **program expansion**





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# CERTIFICATION

Industry skills and milestones

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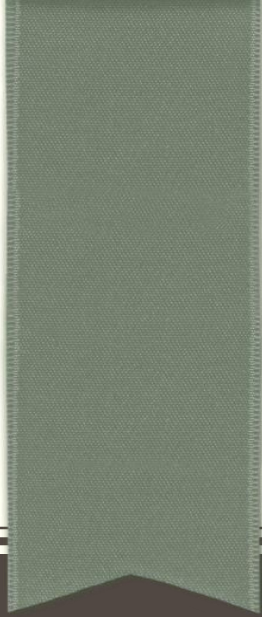
# Certification

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- This is *optional*
- It is meant to help students get a leg up in being **competitive** in industry
- Fees **paid** by...
  - Student/family
  - Possibly other sources
- May require **additional time**
  - Conferences
  - Modified/adjusted curriculum
  - CTSO (not HOSA)

		<b>OSHA</b>	<b>BACE</b>
Cost		\$30	\$150
Class offered		PBS + HBS	HBS
Difficulty		Medium	Hard
Skill type		General lab handling	Lab tech



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# INNOVATION FAIR

Creativity and invention

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# Innovation Fair

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= HISEF (super science fair)

- A fair for Chandler district
  - In February
  - Science fair
  - Demonstrations of CTE classes
  - Competition for CTE/Science clubs
- Class project
  - Research and science report





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# CTSO

HOSA (and more?)

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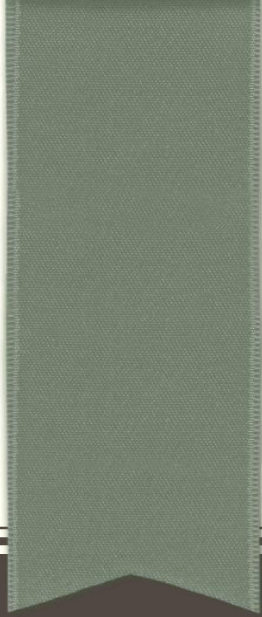
# CTSO

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= HOSA

- Club to support the class
  - Provides practice time
  - Opportunities to compete and earn achievements
  - Networking
  - Other things that class cannot fit in
    - Speakers
    - Field trips
    - Activities
    - Certifications





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# ADVISORY BOARD

Support and career

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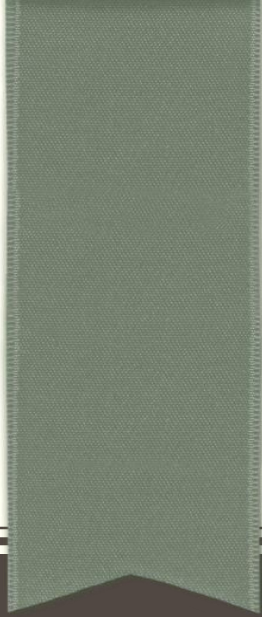
# Advisory Board

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= Booster/rotary/PTO/etc

- Community support group
  - Professionals
  - Parents
  - Professors
  - Teachers
  - Students
- Topics
  - Fundraising
  - Volunteering and internship opportunities
  - Scholarship/other awards





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# DUAL ENROLLMENT

More college credit!

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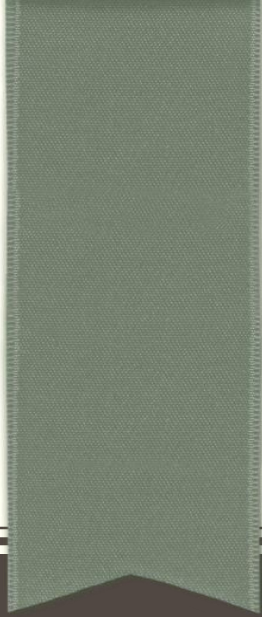
# Dual Enrollment

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= or just college credit

- Sources
  - PLTW test
  - PLTW course completion (+ qualifying grade)





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# CCHS CLASS

Norms, grades, and expectations

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# Title and Content Layout with SmartArt

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