

# ANNOUNCING New this year....



## PLTW Industry CHALLENGES

Mass STEM Hub Online Competitions

### Goals for the challenges

- Ensure an authentic audience for student work completed in class
- Provide students with industry feedback on their coursework
- Celebrate & recognize high-quality student work

*Visit [mass-stemhub.org/challenges](https://mass-stemhub.org/challenges) to learn more!*

### SELECT CHALLENGES & INDUSTRY PARTNERS

#### LAUNCH

K-Structure & Function: Exploring Design

#### GATEWAY

AC: Fitness Challenge App

AR: Simulated Factory Assembly Line

CSIM: The Blinking Message

GA: Shipping Container Home

#### HS COMPUTER SCIENCE

CSE: Image Processing

CSE: Create Performance Task

CSP: Genomic Data

CSP: Investigate with Data

#### HS ENGINEERING

IED: Manufacturing a Box

IED: Product Reverse Engineering

POE: Design Problem (aka Marble Sorter)

POE: Structural Design (Design a Bridge)

CEA: Keystone Library Renovation

#### HS BIOMEDICAL SCIENCE

PBS: Future of Diabetes Management

PBS: Heart Disease Interventions

HBS: Train a Champion

HBS: Rigor Mortis Models

MI: Tiny Treatment



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