

WYAMS Student Enrichment Activities

by Subject

Math, ELA, Science, Social Studies, and Exploratories

Math

CPM

- [Diamond Problems:](#)

Enter the missing numbers to complete the diamond problem on the baseball diamond. Once you have entered your answers, click on the check mark with the question mark in the bottom left hand corner to check your answers. If you get an answer wrong, fix it and recheck your answer. Each problem you get correct earns you a run and each incorrect answer earns you an out. How many runs can you get before you have 3 outs?

- [Graphing and Solving Inequalities:](#)

For this game, \leq means less than or equal too and \geq means greater than or equal too. Also, a hint for this game: if you multiply or divide by a negative number, you need to flip the sign.

- [Simple Interest and Percent Problems:](#)

Read the "How To" before getting started.

- [Stem-and-Leaf Plots:](#)

Use the stem-and-leaf plots to answer the questions.

- [Histograms:](#)

Use the histograms to answer the questions.

- [Unit Rates:](#)

Match the rate with the correct unit rate.

- [Modeling and Solving Equations using Algebra Tiles:](#)

Be sure to read the questions carefully!

- [Solving Equations:](#)

Unless you play with someone, you will be both players. Leave the Difficulty as "Whole Numbers Only." For the Problem Type(s), check Variable on Both Sides, Distributive Property, Two-Step Problems, and One-Step Problems.

- [Shifting Shapes](#)

Directions: Click on link and log in with your google account.

In this lesson, students explore transformations of plane figures and describe these movements in everyday language using words like "slide," "shift," "turn," "spin," "flip," and "mirror."

- [Turtle Time Trials](#)

Directions: Click on link and log in with you google account.

In this lesson, students explore connections among different representations of proportional relationships, with a glimpse at non-proportional relationships. The lesson centers around a race between turtles of different constant speeds. After encountering the context with an animation, students analyze and create other representations of the scenario: number lines, graphs, tables, and equations.

- [Coin Capture: Lines](#)

Directions: Click on link and log in with your google account.

Students will practice their understanding writing linear equations by placing coins on a coordinate plane and writing as few equations as possible to "capture" all of the coins.

ELA

- [DK Publishing:](#)

A general interest site with fun facts, quizzes, games, and activities on a wide variety of topics.

- [Encyclopedia.com:](#)

An online free encyclopedia and reference material database.

- [Parts of Speech - videos, games, quizzes](#)

- [Word games of all sorts](#)

- [Vocabulary and content area question game:](#)

- [Author and illustrator Jarrett Learner's Art and Storytelling activities \(printables\)](#)

- [Poet and Illustrator Shel Silverstein:](#)

Printables, videos and read alouds of his poetry by the author.

- [Chess Kid:](#)

Site that allows students to learn to play chess and has an interactive component.

- [Classics for Kids:](#)

Listen to classical composers, music history, terms, games and more

- [Exploratorium:](#)

The interactive website for the hands-on science museum in San Francisco, CA

SCIENCE

- [Design Challenges](#)

- [Brain Teasers](#)

Fun Activities

- [IXL Science](#)

- [Creative Chemistry Crosswords](#)

- [Creative Chemistry Trivia Quiz](#)

- [Creative Chemistry Activities](#)

- [NASA Weather Adventure Game](#)

- [Ducksters](#)

SOCIAL STUDIES

- Map Activities

[Sheppard Software](#)

[Seterra](#)

- Know the 50 states

[Quizlet Flash Cards](#)

- Civilizations of the World

[Early Ages - Indian Civilization](#)

[Civilizations of Early India](#)

[India's Empires](#)

[Roman Civilization](#)

[The Roman Republic](#)

[The Roman Empire](#)

- Videos

[Crash Course - Age of Jackson](#)

[Crash Course - War and Expansion](#)

[Oregon Trail Game](#)

Exploratories Team Polaris Enrichment Activities:

Course:	Activity	Enrichment Websites:
	-How to Use Canvas LMS-Student Orientation Tour	https://youtu.be/x3j8V-uLkNw
	-Submitting an Assignment Using Canvas	https://youtu.be/4RAsaH6azso
Design Modeling/Robotics:	- STEM Games and Challenges	DESIGN SQUAD
Design Modeling/Robotics:	- 3D Designing	SketchUp For Schools- How to Create 3D Models
ESL ELA:	-System 44	Student Access
ESL ELA:	-Raz Kids	Raz Kids
Read 180:	Read 180 Software	Student Access
Computer Ed/Tech/Creative Tech:	Mrs. Boyer's Google Classroom Link to Enrichment Activities	Google Classroom
Physical Education:	At home workouts	AT HOME WORKOUTS
FACS:	Food Detectives	The Food Detectives Fight BAC!
Physical Education:	Dance	KIDZ BOP Dance Along Videos
Physical Education:	ACE Fitness : Top-25 At-Home Exercises	Ace Fitness
Health and PE:	GoNoodle Fun for Families	Family GoNoodle
Physical Education:	Fitness : One Hundred Pushups	Hundred pushups
Health:	Kids Health (For Parents, Kids, & Teens)	Kids health
General Music:	Chrome Labs	Chrome Experiments
Band:	Sight Reading Factory, Dr. Selfridge	Sight Reading Factory Dr. Selfridge Music
General Music:	Music games & quizzes	Music Teacher
Art:	Google Arts and Culture	Arts and Culture
Art:	The Art & Craft Hut (Art eLearning)	Art & Craft Hut