

Integrating **Teachable Machines** with **Classification & Patterns** in Science

Link to presentation: <https://tinyurl.com/8526930>

Link to folder of resources: <https://tinyurl.com/8526930folder>

Elegan Kramer, Parkway West High School - ✉️ EKramer2@parkwayschools.net

WHY?

--

My Notes	Topics / Student Activity
	AI for Oceans - Engage - Link to activity: https://studio.code.org/courses/oceans/units/1/lessons/1/levels/1  pdf 1 codeAI AI for Oceans packet.pdf
	Wildfires Teachable Machine - Explore and Explain Customized from this source:  Detecting Wildfires From Space - Teacher Guide - Teachable Machine: https://teachablemachine.withgoogle.com/    Wildfire Detection - Teachable Machine General Directions: - Sort folder of images into Wildfire or Not Wildfire (or too pixelated) with Teachable Machine - Train the model - Do not switch tabs! - When finished training, switch input from webcam to file. - Test your model with new folder of test images - Test your model with Edge Cases - Improve your model with test images and Edge Cases (Did it improve?) Directions for Saving and Sharing Teachable Machines - Open the menu (Hamburger) - Save project to Drive (.tm file) - Select view project in Drive - Change Share settings (standard Google Share options) - Copy and share link in LMS
	<i>What other problems could be addressed using AI?</i> Student creation with Teachable Machine - Elaborate - Data Validity and Integrity - AI generated images vs. privacy - iNaturalist and Merlin Bird ID "Garbage In vs. Garbage Out" - How many data points should one have and why?  pdf 2 RUBRIC Solving Problems with Teachable Machine.p...  pdf 3 Feedback Form.pdf

HOW will you achieve your WHY? (**WHAT** will you use from this session/conference?)

--