

Harvard

Yá'át'ééh 🖐️

# CRESTLEX 3.0

**CR**eating **E**ffective **ST**em  
Learning **EX**periences

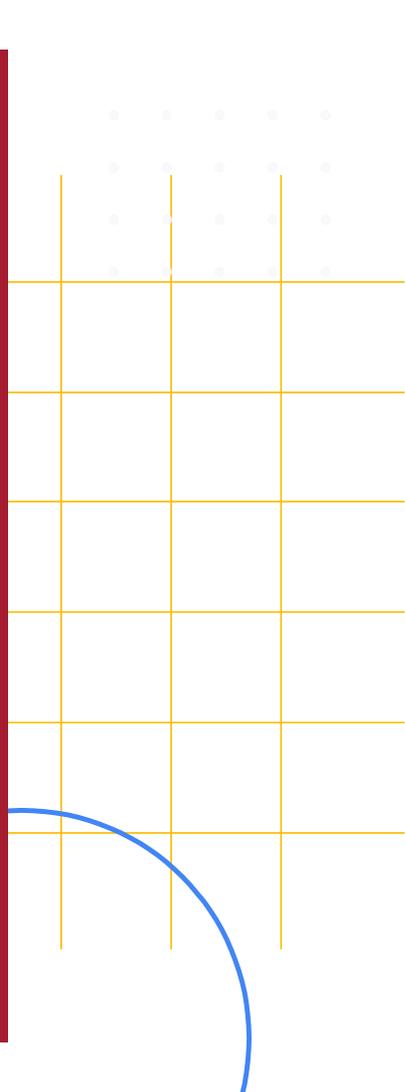
with Navajo Tech





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# Teaching ML

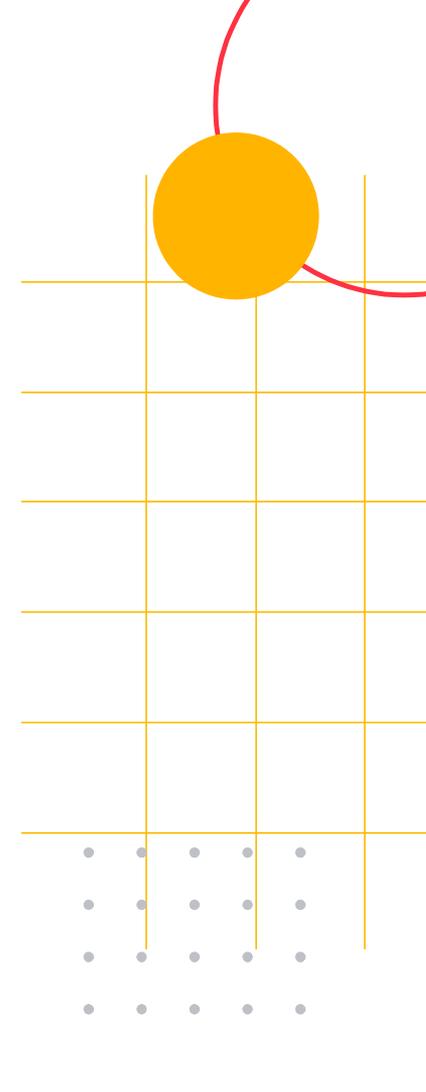


# Teacher Next Steps

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How can we **use (Tiny)ML** in **your own**  
middle school and high school **classrooms**

How can we **use (Tiny)ML** in **collaborative**  
**projects across schools?**



# In **Your** Own Classroom

1. **Which** activity or activities **do you plan** to implement in your classroom/program?
2. **Where** in your classroom plan would this **fit**?
  - a. Project-Based Learning,
  - b. Design Project (group or individual)
  - c. Research Topic Paper
  - d. Competition
3. Are there any **prerequisite skills** that your students would need?
4. What **barriers** do you see to implementing these activities?
5. What **resources** would you need to overcome these barriers?

anything else?



# Collaborative Projects

1. **Collaborations** within schools and between schools
  - a. Plant recognition
  - b. Keyword spotting
  - c. Others?
2. **Potential framework** for collaboration **this fall:**
  - a. Student competition on using Edge Impulse for keyword spotting
  - b. Student teams develop their own Edge Impulse program for Navajo words
  - c. Short presentation on methodology, results
  - d. Present in science fair type zoom or at NTU
  - e. Prizes for winners!

anything else?