

Start Where You Are: Easy Ways to Incorporate Place-Based Education (PBE)



Teaching Channel™

Grab our Resources!



What is Place-Based Education?

Use your community as a learning lab!



Local Questions



**Real-World
Investigations**



Student Agency



**Authentic
Audiences**



PBE isn't new, it's a lens for what you are already teaching

You're probably already using some PBE!



Isolated concepts → local problem solving

Traditional Learning	Place-Based Learning
Learn about water quality	Test water quality in building
Study invasive species	Identify species in local park
Learn statistics	Analyze neighborhood data
Read about civic issues	Investigate community concerns

What “places” could use for PBE?

Field Experiences > Field Trips

Place	What You Can Teach with It
Hill next to the school	Forces and Friction



Why now?

Technology is great, but it decreases personal connections.

The need for stories and relationships is greater than ever.

Before you start...

What makes your place, your place?



Place-Based Learning Cycle



Do you use NGSS?



Elementary - 2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats.

Upper Elementary - 3-LS4-3: Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

Middle School - MS-LS2-1: Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.

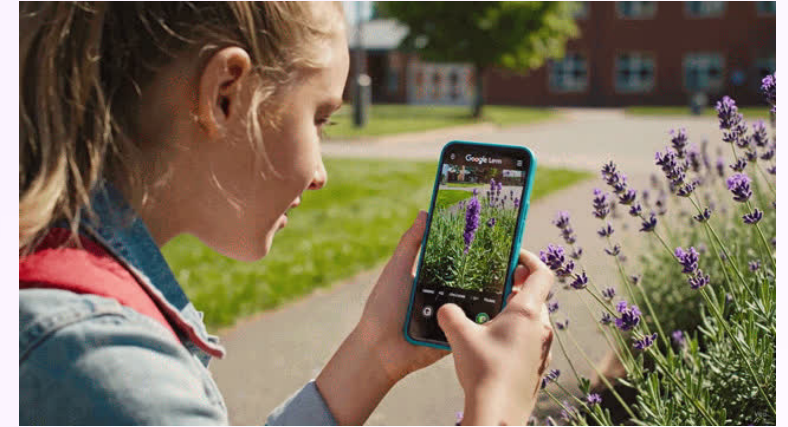
High School - HS-LS2-2: Use mathematical representations to support and revise explanations based on evidence about factors affecting biodiversity and populations in ecosystems of different scales.





Project Question

How diverse is our school ecosystem?



Observe

Student Actions

Identify plants and animals in the schoolyard or community

Classroom Example

Students create a biodiversity inventory of school grounds

Tools for Observing





Project Question

How diverse is our school ecosystem?



Collect



Student Actions

**Gather
observations,
survey results,
interviews, or
environmental data**

Classroom Example

**Students record species
counts and upload
findings to a citizen-
science database**

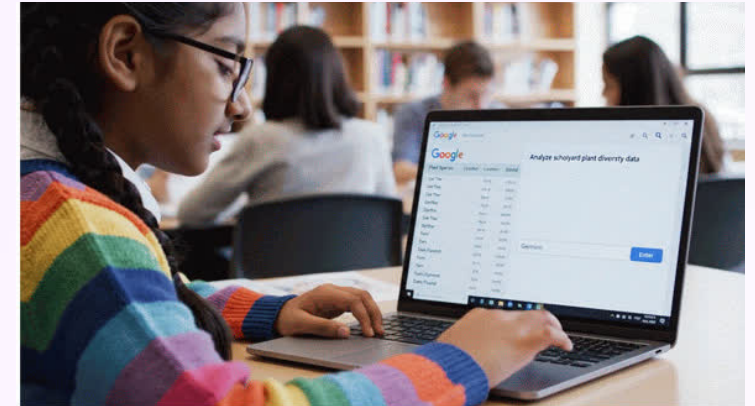
Tools for Collecting





Project Question

How diverse is our school ecosystem?



Analyze



Student Action

Identify patterns and trends in collected data

Classroom Example

Students compare biodiversity findings across different school locations

Tools for Analyzing





Project Question

How diverse is our school ecosystem?



Connect

Student Action

**Engage with experts
and community
members**

Classroom Example

**Students interview a local
conservation officer or
park naturalist**

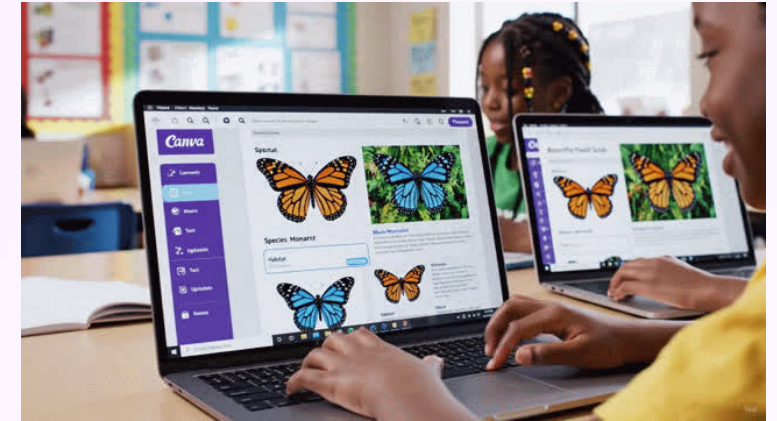
Tools for Connecting





Project Question

How diverse is our school ecosystem?



Create 

Student Action

**Transform findings
into a project**

Classroom Example

**Build a digital field guide to
highlight species around
the school.**

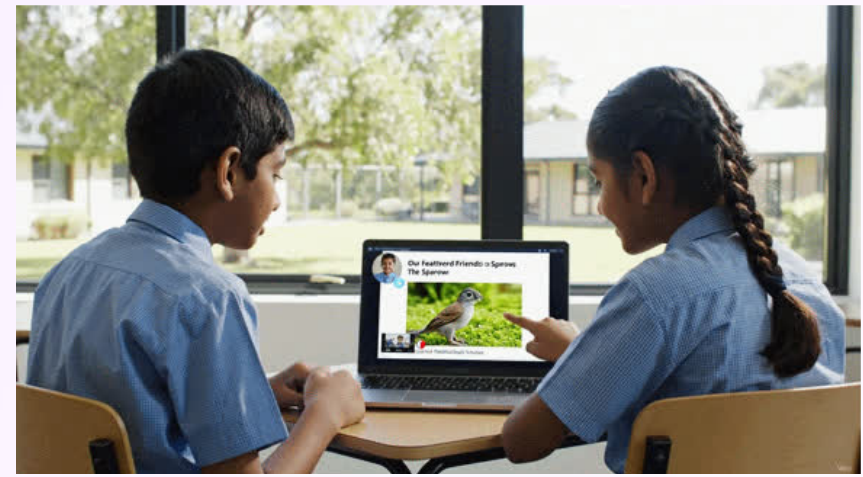
Tools for Creating





Project Question

How diverse is our school ecosystem?



Share 

Student Actions

Classroom Example

Tools for Sharing

Present findings to an authentic audience

Share biodiversity guides with families, school leaders, and community



Full set of PBE resources



Start Small



One Lesson



One Question



One Tool



**One
Community
Connection**



Benefits and Challenges

- **Less Reliance on Tech**
- **Greater connections with students and community**
- **Greater student achievement**
- **No need to redesign curriculum**

- **Every place is different**
- **Generating community support**



Generating Support

- Open door policy
- Invite in community members
- Post pictures
- Showcase student work
- Get creative with time
- Other suggestions?



Learn More About PBE

A Guide to Place-Based Education

This course helps educators integrate Place-Based Education to strengthen real-world connections, community engagement, and student-centered learning.

Course #5432 3 credits



9 Simple Ways to Learn Outside with Citizen Science

Take learning outdoors with these nine simple citizen science activities. Engage students in real-world data collection while exploring nature.



14 Easy K-12 Spring STEM Activities

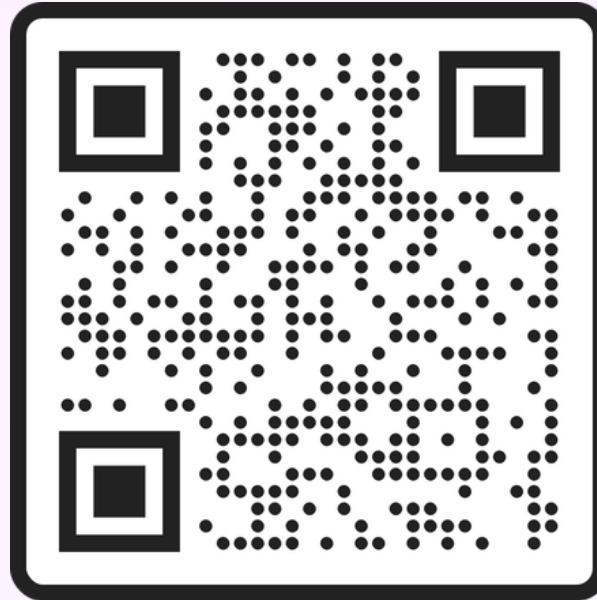
Engage students with fun STEM activities this spring break! Get students outdoors and learning with these hands-on activities.

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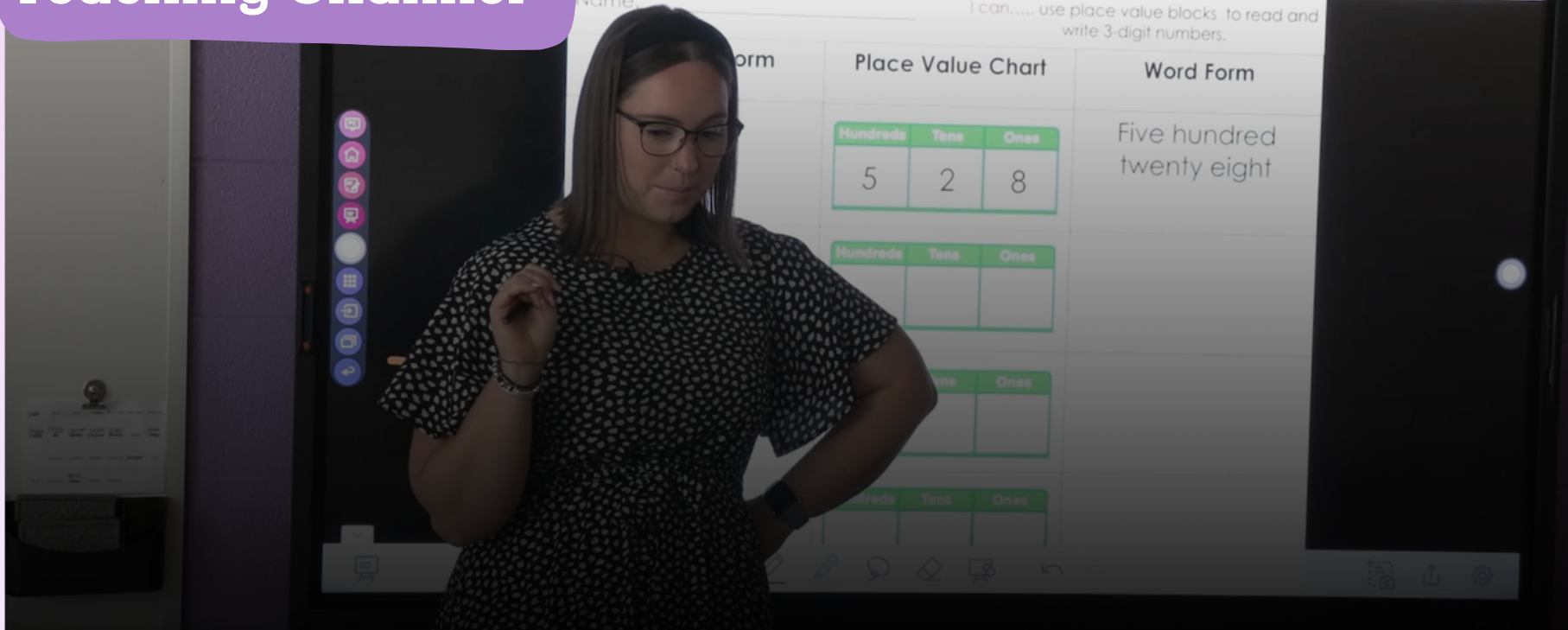


**Check out our entire catalog of
300+ ISTE-aligned courses!**



Teaching Channel is a one-stop shop for teacher learning and development, from Learners Edge graduate-level courses and professional development programs, to our innovative video platform for self-reflection, coaching and calibration. We also offer loads of free resources for teachers in our K12 Hub.

Teaching Channel +



Standards Aligned 6:00

Challenging Students With Tricky Problems

Understanding place value through verbal instruction challenges.



Interested in Salary Advancement and License Renewal?
Teaching Channel Courses 3:30



Using a Centerpiece and Talking Piece
Best Practices 3:00

What's New [View All →](#)



Exploring New Vocabulary Words in a...
Instructional Method 12:07



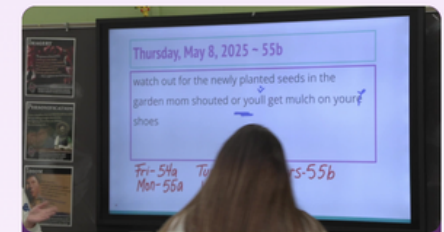
Identifying Figurative Language from a Novel
Instructional Method 8:16



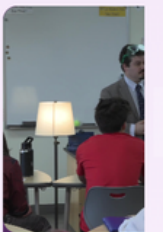
Encouraging Detailed Sentences
Best Practices 2:28



Exploring Figurative Language, theme, and...
Full Length Lesson/Class 33:48



Doing Daily Mechanics- Usage-Grammar (MUG)...
Best Practices 5:40



Exploring E and Exother
Full Length Lesson



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By K12 Coalition