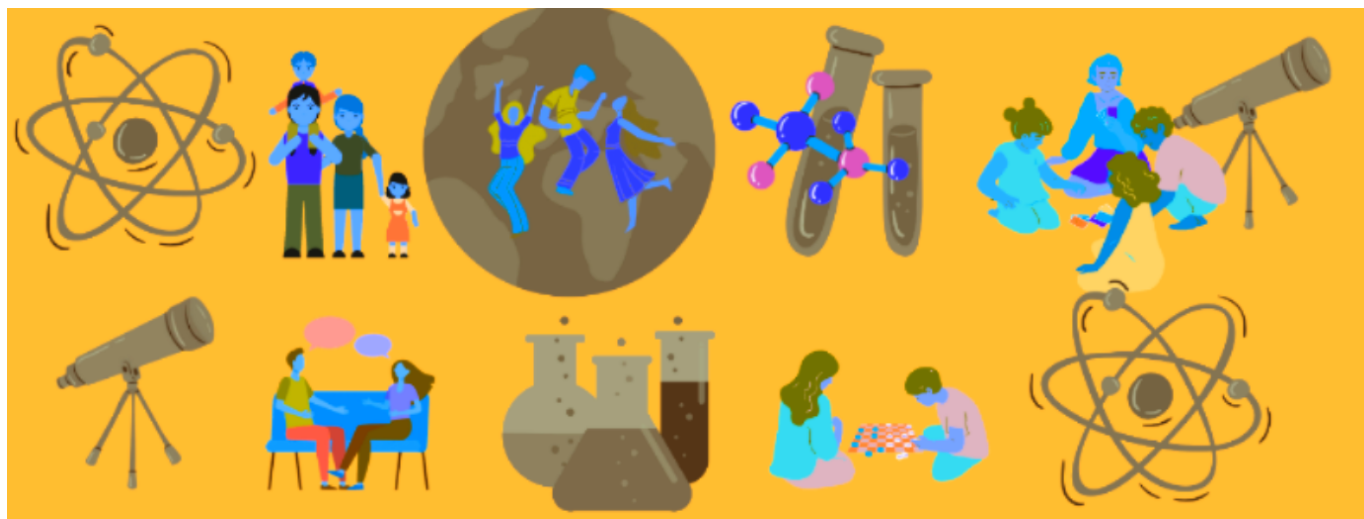


ONLINE CITIZEN SCIENCE TOOLS: ZOONIVERSE



DESCRIPTION OF THE LEARNING SCENARIO

PREPARED BY VILNIUS TECH

This lesson plan looks at Zooniverse as an example of online Citizen Science tool. By the end of the lesson students can: (1) Recognize Zooniverse as online Citizen Science tool; (2) Understand the purpose of Zooniverse as a national and global data collection tool.

THE LEARNING EXPERIENCE LASTS 45-60 MINUTES.

THE LEARNING SCENARIO WAS PREPARED UTILIZING MATERIALS BY ZOONIVERSE.

INTRODUCTION

Intro to Zooniverse (this [video](#) and this [animation](#)). (~5 minutes)

Questions:

- Have you done something like Zooniverse before? What was your experience?
- Kids around the world do science through Zooniverse. Imagine a kid in India, Brazil, China, or Chile on their computer doing this same activity. What do you think is the same for them? What do you think is different?



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EXPLORE

Look through the list of ~100 projects at Zooniverse.org/Projects

A. Click on the different discipline types (for example, click on Space; click on Nature). Mouse over the project cards below.

B. Questions:

- i. Is there a subject you're interested in?
- ii. Is there a project you'd like to try?

DIG DEEPER INTO A SINGLE PROJECT

A. Pick a project from our [list of recommended, age-appropriate projects](#).

We use [Penguin Watch](#) as the example in the steps below, but choose whatever project from the list above is most interesting to your student(s).

B. Read the 'About' page to learn more about the research

Example: zooniverse.org/projects/penguintom79/penguin-watch/about

Questions:

- a. Why do the researchers need your help?
- b. What are the researchers trying to learn about?

PARTICIPATE

Click the 'Classify' tab of your project to participate in the research

- i. Example: <https://www.zooniverse.org/projects/penguintom79/penguin-watch/classify>
- ii. Before you start classifying, read the 'Tutorial'

Note: If you want to keep track of how many classifications you've done and be credited in publications, click 'Register' in the upper-right of Zooniverse.org to create a Zooniverse account (you just need to input a name and email address). Registering is not required to participate in Zooniverse.

REFLECTION

Talk through the reflection questions together. The questions help you think about what was interesting, why researchers need your help, if you want to do more like this, etc.

Which project did you do?
What did you like about it?
What was the project about?
What was in the images (or audio/video clips)?
What did the project ask you to do?
What are the researchers trying to learn about through this project?

What was the most interesting/fun/weird image (or audio/video clip) you saw in the project? What made it interesting/fun/weird?
After doing this project, what would you like to learn more about?
Do you want to do more in this project? In other Zooniverse projects? In other citizen science? Why or why not?

