



Project Exploration creates transformative learning opportunities for youth underrepresented in the sciences –particularly students of color and girls – by equipping them with the skills, practices, and mindset needed for a lifelong pursuit of learning. STEM@Home makes activities around science, technology, engineering, and math accessible and fun to do at home. This STEMbook activity, resources, and more are available at www.projectexploration.org/stemathome.

In this activity, you will:

explore nature around your community! You will discover new and different organisms and identify them using an app.



Supplies Required:

Smart phone (with camera)
Seek app
https://www.inaturalist.org/pages/seek_app

Video

Learn how the Seek App works but watching this video: <https://tinyurl.com/wcxqsk8>

Overview

You will use an app to identify organisms around your neighborhood. The Seek app can help you identify everything from the class to species the organism is! What's the difference? This diagram below might help! As you see, species names are a more specific name for the organism!



Instructions

1. Download the Seek by iNaturalist app on your smartphone if you haven't already done so.
2. Make sure you have a parent's permission to go outside and that they know where you are! Don't venture too far or into any unknown places!
3. Go outside!
4. Open up the Seek app and follow the directions. As you point the camera at different plants, it should tell you about the species.

Additional Resources

Think About It! What was your favorite organism that you found? What is its role in the food web in your neighborhood? What is its' behavior during the changing of the seasons? Where are other places that are home to this organism?

2. Use a field guide to identify your organisms: <https://tinyurl.com/rtc4e9>

Share It Out

Share on social media: share photos of your discovered neighborhood organisms and create a video of yourself talking about the role of the organism in the food web or any of its' behaviors!

Use the hashtags:

#SeekAndFind
#ProjectExploration
#StemAtHome

Share via PE's website: Students who complete STEM@home activities and share what they learned with the PE team via our website will earn points which can be traded in for cash prizes at the Explore Store. Your project number is 303. Learn more at www.projectexploration.org/explore-store

Join PE's character contest!

Design a STEM character who will lead kids through activities and be featured on our website and in our STEMbooks. Cash prizes will be awarded to the top 3 finalists. Learn more at www.projectexploration.org/character-contest.



Call or text us for help: 312-772-6634



www.projectexploration.org