



OUR WORLD OF WILDLIFE

EXPEDITION SCIENCE : PROGRAM OVERVIEW



ABOUT THE PROGRAM

Welcome to Our World of Wildlife’s Expedition Science! Expedition Science aims to educate children about the natural world, engage them in scientific discovery, and foster environmental awareness and stewardship. Expeditions use a creative blend of imagery, audio, interviews, science project exploration, and interactive activities to engage children and teach them about our world’s ecosystems. By engaging children in science and teaching them how the natural world works, we can create a generation that understands and appreciates our planet. A generation grounded in evidence-based decision making.



LEARNER LEVELS

Each Expedition is available at 2 Learner Levels (listed age ranges are only a guideline):

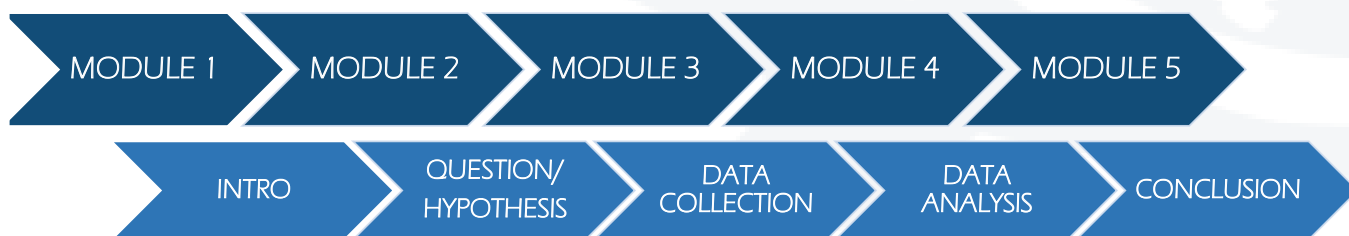
Level I – (grades K-2)

Level II – (grades 3-5)



HOW TO USE THE FIELD TRIP MATERIAL

Expeditions explore a fundamental concept in ecology while walking learners through the scientific process in 5 separate Modules:



Each Module follows the same format:






THE VIDEOS

Each Module starts with a Video that learners can watch in a group setting or as an individual. Videos last between 6-10 minutes and are designed to build off each other. For the most effective experience, they should be watched in sequential order.



THE ACTIVITIES

Each Expedition provides the opportunity for learners to conduct a scientific study alongside that mirrors the study conducted by the host scientists! Activities intergrate across Modules to allow learners to explore their study ecosystem, collect and analyze data, and make conclusions based on what they discovered.

- Activities can be performed by both groups and individuals.
- Not all activities need to be completed! Some are required if you wish to participate in the science project (look for the  symbol). The rest you make pick and choose based on available time and resources.
- options for them



GROUP DISCUSSION

Each Module is designed to leave time at the end for group discussion. Discussion suggestions (and sample answers) are provided.



FACILITATOR GUIDES

Each Learner Level comes with a Program Overview that describes the Expedition as a whole. Each Module comes with a Facilitator Guidance Sheet that explains the learning objectives for the day, provides a list of equipment and material needed, explains the interactive activity options, and provides suggested group discussion points and sample answers.



PROGRAM DURATION

Modules last approximately 45 minutes to 1 hour. The program can be implemented over the course of 1 week (e.g., 1 Module per day over the 5 day week) or 5 weeks (e.g., 1 Module every Monday over a 5 week period). The material provided is merely a guide. If your daily program is shorter than 1 hour, simply pick and choose which material to use!