



FOR GRADES K-5

Imagine Science Corner

Easy-to-use resources that ignite scientific understanding
and enhance your core solution





Spark Curiosity for Science Phenomena

Multimedia resources pique student interest and drive scientific understanding

STEM education is essential in today's classrooms. Every child deserves the opportunity to engage with science, technology, engineering, and math. **Science, the foundation for technology and engineering, is crucial to understanding and solving some of the complex challenges of today — and tomorrow. With Imagine Science Corner, you can:**



- ✓ Engage elementary learners with **real-life video lessons, optional printables, and student-driven, project-based learning investigations** — all available in both English and Spanish.
- ✓ Enhance your core science curriculum with this versatile, easily implemented collection of resources — **designed and reviewed by educators** to meet the needs of today's busy classrooms.
- ✓ Create **custom learning pathways** to meet your district learning goals or match your core program's scope and sequence.

3 in 1

Activate student learning with three instructional strategies: video lessons, vocabulary printables, and PBL investigations.

4Cs of STEM

Develop critical thinking, creativity, collaboration, and communication in one easy package.

3.5 million

There will be an estimated 3.5 million STEM job openings in the U.S. by 2025.

11.3 million

The number of people in the U.S. who will work in STEM by 2030.

 **Source:** Brookings: Rising to the challenge of providing all students with high-quality STEM education

 **Source:** STEM Education Guide: STEM Education Statistics in 2022

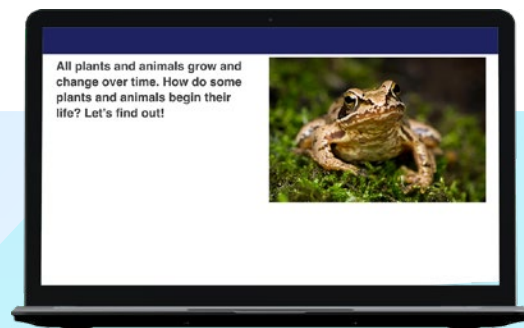
Instructional Content Designed for Scientific Understanding

Engage students with fun, age-appropriate video lessons

Imagine Science Corner lessons are designed to be developmentally appropriate and visually appealing to elementary learners. Engagement activities keep students interested while supported practice and lesson mastery check opportunities ensure understanding.

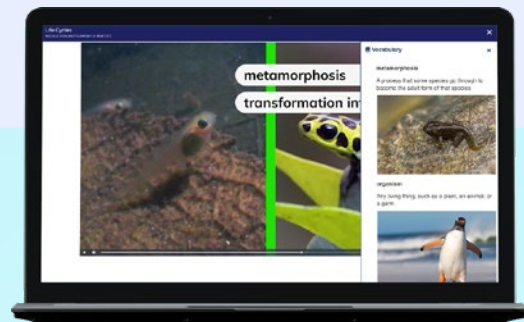
Intentionally Designed Lesson Structure

1 Lesson introduction and focus question



Steps 2–5 repeat several times throughout each lesson

2 Video-based instruction with embedded glossary



3 Engagement activity



4 Review

5 Supported practice

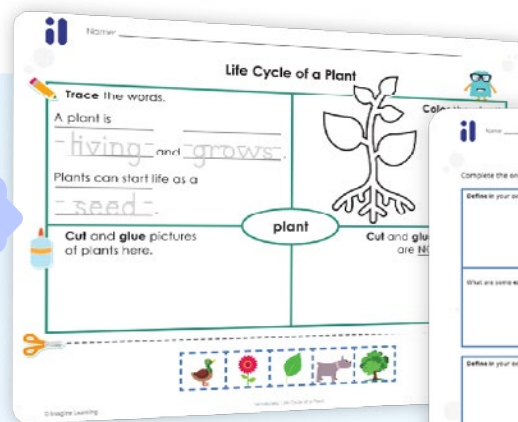
6 Mastery check

Lessons incorporate numerous engaging opportunities to hone students' scientific vocabulary and academic discourse proficiency, including **embedded discourse questions**, an **interactive glossary**, and **optional vocabulary printables**.



7 Optional vocabulary printable

1st grade example

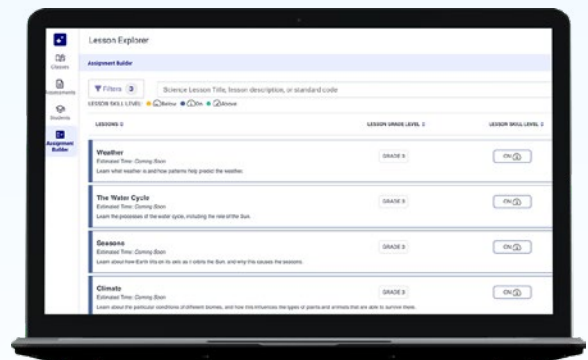


3rd grade example



Customize learning paths for ultimate flexibility

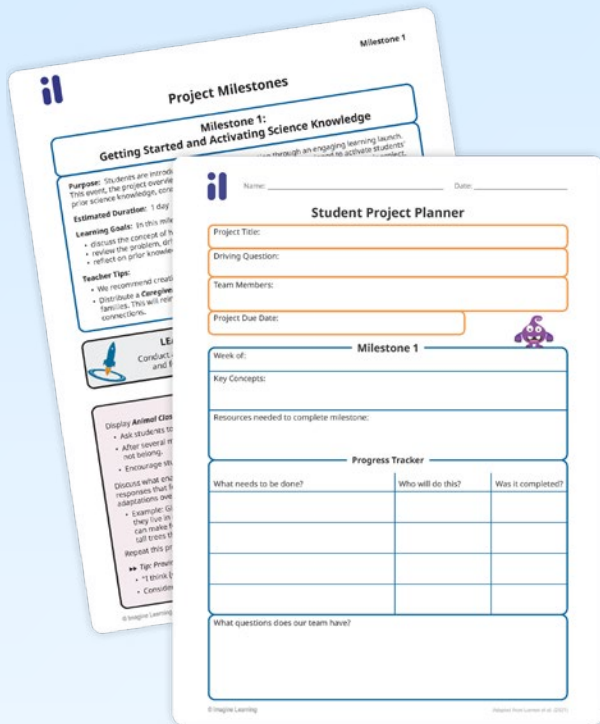
With Assignment Builder, every educator is empowered to create custom learning pathways that align to their core science program's scope and sequence, address students' individual learning needs, or meet their school or district learning goals.



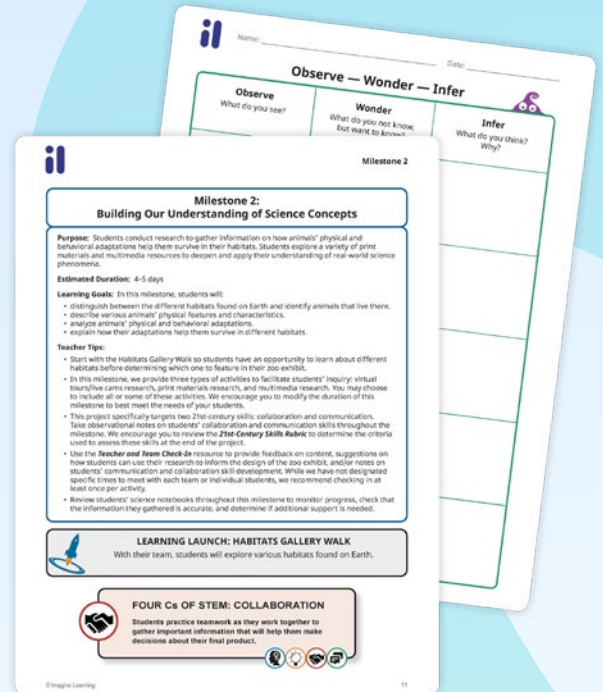
Activate STEM skills in your classroom with student-driven, Project-Based Learning (PBL) Investigations

Imagine Science Corner provides all students with access to rigorous, student-centered instruction and opportunities to make meaningful connections to real-world science concepts. Project-Based Learning Investigations with comprehensive educator support build shared understanding of big science ideas through discourse and collaboration.

Grade 3 Habitat Wonders PBL Investigation



MILESTONE 1
Getting Started and Activating Science Knowledge



MILESTONE 2
Building our Understanding of Science Concepts

PBL Investigation teacher support

An easy-to-use PBL Investigation Implementation Guide provides the support educators need to implement all project-based learning investigations. Plus, each investigation includes extensive teacher notes, instructional materials, rubrics, and more for a seamless experience.





Milestone 3

Planning, Designing, Critiquing, Revising, and Preparing

Purpose: Using research gathered in the previous milestone, students work with their team to plan and design their zoo exhibit. They engage in a peer review process and use the feedback provided to improve their design. Throughout this milestone, students develop their communication skills and collaboration.

Estimated Duration: 4 weeks

Learning Goals: In this milestone, students will:

- synthesize information
- work as a team to solve a problem
- apply feedback to improve their design
- develop effective communication skills

Teacher Tips:

- We provide suggestions as you use the most suitable materials for your zoo exhibit. Select materials that are safe for your students and that are easy to use.
- Use the provided materials to create a zoo exhibit. Encourage students to use their communication skills to explain their design to their peers.
- We recommend that students communicate with each other throughout the process.

Name: _____ Date: _____

Team Product Plan

Project Title: _____

Team Members: _____

Use this table to help your team decide what product to create. Discuss your ideas before making a final decision.

Product Idea	How can this product help us answer the driving question?	If we choose this product, what challenges could we face?	What materials do we need?

We chose to create a _____ because _____

Milestone 3

Preparing

Students will prepare and practice their presentations with their team and teacher.

Name: _____ Date: _____

Presentation Checklist

Team Members: _____

What We Practiced	Complete
All of our team members have a role and will participate in the presentation.	<input type="checkbox"/>
All team members have outlined what they will say in the presentation. They wrote down what they will say using paper or index cards.	<input type="checkbox"/>
Our team described what our zoo habitat is, animals that live there, and how these animals adapt to survive.	<input type="checkbox"/>
Our team explained why it is important to protect wildlife and how our zoo exhibit helps do that.	<input type="checkbox"/>
Our team practiced giving our presentation as clearly and loudly as we could. We maintained eye contact with our audience.	<input type="checkbox"/>
When our teammates practiced presenting their part, we stayed still and listened respectfully.	<input type="checkbox"/>
Our team explained all of the audio and visuals we used in our presentation.	<input type="checkbox"/>
We have practiced our presentation from beginning to end.	<input type="checkbox"/>
Our team thought about what questions the audience might ask. We reviewed our research and prepared to answer these questions.	<input type="checkbox"/>

MILESTONE 3
 Planning, Designing, Critiquing,
 Revising, and Preparing

MILESTONE 4
 Presenting
 Final Products

Designed for flexible implementation once a year as a comprehensive performance-based learning activity, as best fits your classroom needs.





imagine
science corner

Spark curiosity

Strengthen your science program
with easy-to-implement, engaging video
lessons and student-driven, project-based
learning investigations.



imagine
learning

imaginelearning.com/science-corner

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