

# Inquiry



## Project-based learning provides students with real-world learning experiences.

Project-based learning is an effective instructional strategy to help students build deep content understanding, raise academic achievement, and encourage student motivation to learn. While the benefits of using project-based learning are well known, many educators are not sure where to start.

### OVERVIEW

Learning.com's Inquiry addresses 100% of the ISTE Standards for Students through six technology-infused projects per grade level in ELA, math, science, and social studies. Our curriculum is designed to incorporate digital literacy instruction into core subject areas, integrates with most leading Learning Management Systems, and is intuitive for students as well as for teachers who may not have previous experience with project-based learning.



#### A turnkey instructional solution for computer lab or classroom teachers

- Identifies skills gaps with built-in pre-tests that assess digital literacy skills
- Automatically assigns or provides mapping documents for lessons to address gaps and ensure students have the skills needed for projects
- Includes complete classroom-ready projects, lesson plans, implementation strategies, rubrics, and a self-paced PD course



#### Provides real-world projects and accommodates multiple learning styles

- Helps students learn about productivity tools, internet research, multimedia presentations, and online communication
- Accommodates ELL students with Spanish language audio support
- Uses project reflections to reinforce project goals and give students the opportunity to evaluate their learning experience

## Engage Students with Project-based Learning

Inquiry can be used in a computer lab, 1:1, BYOD, or classroom setting. Projects are based on topic themes that continue from grade to grade, while increasing in rigor and the complexity of technology tasks. Inquiry complements the SAM-R model because it helps students build the digital literacy skills they need as they progress through learning with technology. Projects were reviewed by the Buck Institute for Education, a leader in project-based learning.



### ELA

#### English and Language Arts Project Topics

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**Fiction vs. Non-Fiction:** students learn the main differences of both fiction and non-fiction writing styles and purposes, and both styles in a variety of tasks.

**The Writing Process:** students learn and apply the five-step writing process for a variety of applications including technical writing and creating a persuasive essay.

### Math

#### Math Project Topics

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**Geometry:** students learn about 2-D and 3-D shapes, coordinate planes, measuring angles, vertices, and creating geometric art.

**Personal Finance:** students learn about wants versus needs, the importance of saving, earning interest, benefits and risk of credit cards, and develop a balanced household budget.

### Science

#### Science Project Topics

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**Geology:** students learn about geology as formal science and geology careers, different types of rocks and their characteristics, the rock cycle, and plate tectonics.

**Ecology and Alternative Energy:** students learn about natural environments and resources, conservation, the water cycle, and alternative sources of energy.

### Social Studies

#### Social Studies Project Topics

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**Technology Ethics and Safe Use:** students learn the importance of staying safe online and being good digital citizens, how technology has changed our world and culture, and how to evaluate online information for accuracy and potential bias.

**Geography:** students learn characteristics of human environments, cultural differences based on geography, compare and contrast the regions of the U.S., impacts of human populations on landforms and other natural resources, as well as historical events in certain regions of the U.S.