# ExploreLearning®

# Professional Development for Gizmos®

With a consistent focus on inquiry and standard-based instruction, ExploreLearning helps teachers move from confident first steps toward long-term success with Gizmos.

## Introductory training jumpstarts teachers' ability to use Gizmos.

An ExploreLearning professional development team member guides educators though a learning experience that empowers them to implement Gizmos in their classrooms on the very next day.

- Mastery of website features

- Best practices for using Gizmos

- Planning first Gizmo lessons

## Keep the momentum going with higher-level training and build sustainability with a long-term professional development partnership.
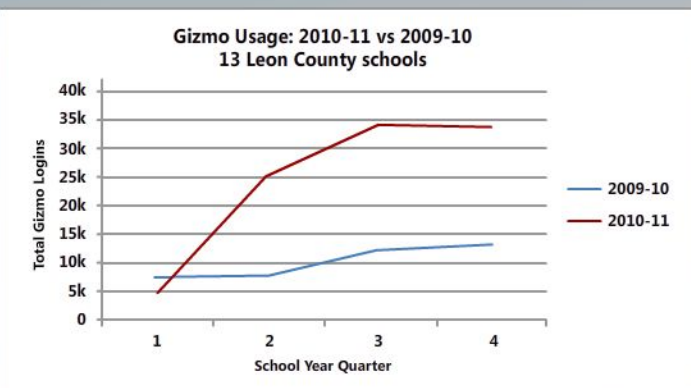
- Targeted math and science topic instruction with Gizmos

- Implementation planning customized to the needs of your school system

- Assistance with curriculum alignment to integrate Gizmos effectively

- Onsite coaching in math and science classrooms



*Research shows that effectively implementing new instructional technology requires a sustained, supported effort over time.*

- *A focus on relevant content and modeling of teaching strategies*

- *Opportunities for active learning*

- *Time for teachers to collaborate*

- *Follow-up and continuous feedback*

## Invest in a program of professional development to maximize the classroom impact of Gizmos



**Gizmo Usage: 2010-11 vs 2009-10**
**13 Leon County schools**

Total Gizmo Logins (y-axis: 0, 5k, 10k, 15k, 20k, 25k, 30k, 35k, 40k)
School Year Quarter (x-axis: 1, 2, 3, 4)

Legend: 2009-10, 2010-11

In 13 Leon County Florida schools, a sustained program of high-quality professional development that centered around Gizmos helped teachers effectively incorporate technology into their teaching. A program of Gizmos initial training and ongoing higher-level professional development was implemented in the fall of 2010. By the 4th quarter of the 2010-11 school year, teachers had increased their use of Gizmos by 160% over the previous school year.

## Start Off Right with Introductory Training:

**Master all major website features, learn about best practices, and plan your first Gizmo lessons.**

- The **Introduction to Gizmos Workshop** is designed to prepare teachers to use Gizmos immediately in their classrooms with demonstration, guided instruction, and hands-on practice.

- The **Introduction to Gizmos Webinar** models whole group instructional techniques and provides teachers with everything they need to use Gizmos in just 90 minutes.

- The **Extending the Gizmo Experience Workshop** is designed to teach participants about best practices for using Gizmos in the classroom and the ways that Gizmos can be used in a variety of educational settings.

## Take Gizmos to the Next Level:

**Study targeted math, science and educational technology topics within the context of best practices for using Gizmos.**

- **Using Gizmos with the Common Core State Standards** will help teachers advance students' mathematical understanding in any of these critical areas:
  - Mathematical Practices: The Balance between Skills and Understanding
  - Troublesome Topics in Math: Fractions in Elementary Grades
  - Troublesome Topics in Math: Ratios and Proportions in Middle Grades
  - Troublesome Topics in Math: Functions for High School

- **Using Gizmos with the Next Generation Science Standards** prepares teachers to develop lessons that support the goals of the NGSS in any of these critical areas:
  - Troublesome Topics in Earth/Space Science
  - Troublesome Topics in Physical Science
  - Troublesome Topics in Life Science
  - Using Gizmos with the Standards of Scientific and Engineering Practice

> *"I thought the Gizmos training was beyond superb. This was my first time being exposed to Gizmos, and I totally fell in love with them!"*
>
> — *Science teacher, Shelby County USD, TN*

> *"Not only did I see an increase in my students' interest level, they also became more engaged in their learning. The dynamic training and support provided by ExploreLearning's Project Managers will enable you to fully integrate this exciting resource into your classroom."*
>
> — *Education Specialist, Quebec Ministry of Education*

- **Teaching for Understanding in Math** is designed to help participants use Gizmos when teaching students to reason mathematically and develop a deeper understanding of math concepts.

- **Teaching Scientific Inquiry with Gizmos** prepares teachers to use the inquiry process and Gizmos to support the development of deeper student understanding of important science concepts.

- **Teaching with the 5E Instructional Model in Science** will enable teachers to effectively use Gizmos within the context of the 5E Model for science instruction.

## Build a Sustainable Implementation:

**Build and sustain broad usage of Gizmos by working with ExploreLearning to develop an ongoing, customized program of support.**

- **Implementation Planning with Project Management** provides customized services to larger districts seeking long-term success with Gizmos in all classrooms.

- ExploreLearning can provide **Curriculum Alignment Assistance** designed to support your school division in developing detailed correlations to your primary curriculum documents.

- With **Classroom Coaching**, ExploreLearning's professional development team stands ready to provide flexible onsite services that meet your needs and your schedule.

## For more information on professional development opportunities, visit:

## www.**explorelearning**.com/training