

TLC Learning Consultants

Our courses positively impact student learning by:

- Engaging teachers in hands-on, inquiry-based professional development which increases science and technology content knowledge.
- Implementing science pedagogy which encourages students to discover additional questions and answers
- Introducing educators to exciting, easily funded, inquiry lessons differentiated to their student populations.



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www.TLCLearningConsultants.org

Professional Development

ENCOURAGING
STEM INTEREST

DEMYSTIFYING
SCIENCE



Learning Consultants

Helping teachers teach so
learners achieve more

Enrich Your Experiences

TLC programs emphasize **hands-on activities** and **inquiry-based instruction** to keep participants engaged and learning in a fun environment. We will customize the topics, time frame, and meeting environment to best fit your needs.



ELEMENTS OF SCIENCE

In-depth content knowledge with over 20 ready-to-use inquiries in **chemistry, biology, physics, earth and space science.**

OHIOVIEW SATELLITES

Investigate **geospatial technology** using remote sensing, **GPS and GIS technology**, and terrain analysis to explore and explain the lithosphere, atmosphere and hydrosphere.

OHIO SCIENCE INSTITUTE COURSES

Focus on **life science, earth science, or physical science.**

INQUIRY BASED TEACHING

Increase knowledge about the **science of teaching and learning** by looking at current research. Apply tips and techniques so students are successful.

ORC AND THINKFINITY

Certified trainers guide introduction to high quality lessons and resources

TECHNOLOGICAL APPLICATIONS

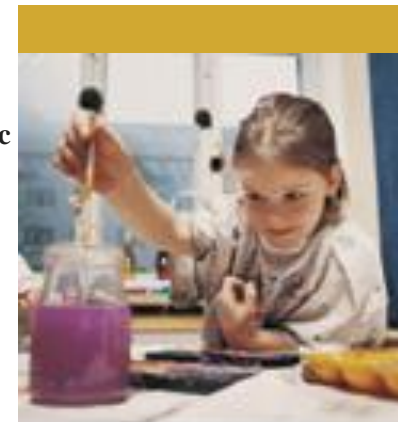
Take control of your technology to integrate Excel, Word, PowerPoint, blogs and wikis into current lessons and activities.

Address Your Professional Development Needs

Since 2004, the facilitators at TLC Learning Consultants have been offering classroom based professional development workshops for hundreds of K-12 teachers of science throughout Ohio. These have ranged from on-site experiential learning adventures offering full college credit to week long graduate level courses to single day programs.

Enhance Your Teaching

All TLC course content is **aligned to the Ohio Academic Content Standards** and designed in accordance with Ohio's Standards for Professional Development. Also interwoven throughout our workshops is discussion of **effective pedagogy**, inquiry-based instruction and the research that supports it. Emphasis is also placed on creating and critiquing **authentic formative and summative assessments.** One of the most long-lasting and valuable aspects of our professional development is the **network of colleagues** that serve as a support team for extended learning beyond the term of the workshop.



Courses increase teacher understanding of science content, increase attention to process standards, promote effective use of available resources, differentiate instruction that attends to the needs of all students, and incorporate meaningful technology applications.

Continue Your Learning

Current research shows the importance of **continuing professional development** with rich follow on activities throughout the school year. Semester or year long opportunities are available through the **iDiscovery** program at Miami University. Participants receive continuing support in implementation of their new knowledge as well as **free graduate credit.**

GRADUATE CREDIT FROM THE OHIO STATE UNIVERSITY IS ALSO AVAILABLE FOR ALL PROGRAMS