



## Effective integration of technology into K-12 curriculum

### The Problem

School systems are spending hundreds of millions of dollars on technology. Yet, most of this technology is not used effectively. Why? While many teachers may know how to turn on and use computers, send email and surf the Internet, they've never been trained to integrate technology to deliver the curriculum they are required to teach. The result? Boring lectures, tuned-out students, the continuance of high dropout rates in urban schools, and no connection between IT spending and student achievement.

### The Solution

Learning Symphony™ was created by educators over the last twenty years who have been immersed in developing project based curriculum, aligning to standards and mentoring and modeling these applications with teachers in their classrooms.

At the heart of this offering are professional development and project-based learning designed to specifically address the needs of teachers to engage students to learn through the effective use of technology in the classroom and the Internet infrastructure provided by IT departments. Learning Symphony applies best practices that provide teachers with the knowledge and skills to become better teachers while increasing student learning skills and improve their academic performance and achievement. Through carefully crafted projects and activities, our staff developers work with teachers and students in the classroom, modeling lessons, demonstrating how to address standards, teaching curriculum, generating student products that demonstrate learning, and integrating technology into everyday classroom activities. They work in a classroom with as few as one computer, or in a 1-to-1 computing environment.

Getting the technology into a lesson plan is difficult for most teachers, who also must worry about alignment with the approved curriculum. JDL has developed On-Line Lesson Plans (OLLP) and can customize plans for your district.

We've had tremendous success. Our training is in use in many schools throughout New York City as well as schools in other major cities nationwide. Pre- and post-work survey assessments make it easier to apply for and obtain funding from ARRA/EETT entitlement grants and other federal programs. JDL has grant developers on staff to assist you.

Contact JDL today to discuss your district's needs or set up a presentation of our capabilities. Also please visit our website at <http://www.jdlhorizons.com> to learn more about how we can help you hit the ground running!



JDL has learned that the most effective way to work with teachers is to mentor them in the classroom, using project-based learning (PBL) correlated directly to their planned curriculum and NCLB, state and local standards. Our professional developers provide hands-on training and encouragement that many teachers need, and offer train-the-trainer sessions for districts that want to enable their own staff development specialists.

### Strategy

- Funding Assistance
- Curriculum & Instructional Planning
- Technology Integration & Lesson Planning
- In-Classroom Mentoring & Project-Based Learning

[www.jdlhorizons.com](http://www.jdlhorizons.com)  
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**Goal:**

Integrate technology into EXISTING curriculum via inquiry-based thematic, multi-disciplinary projects

**In-Class Mentoring Advantages:**

Use curriculum you already have, with no minimum requirements for IT and no pull-out substitution costs

**Train-the-Trainer****Approach Methodology:**

Research-based (PBL) Best Practices for in-class mentoring, using free learning projects resulting in an Informal Documented Study and Presentation Day for peers, administration and parents

**Results:**

Improved student motivation; greater parental involvement; reduced discipline referrals; increased attendance and greater time-on-task

**Services Available:**

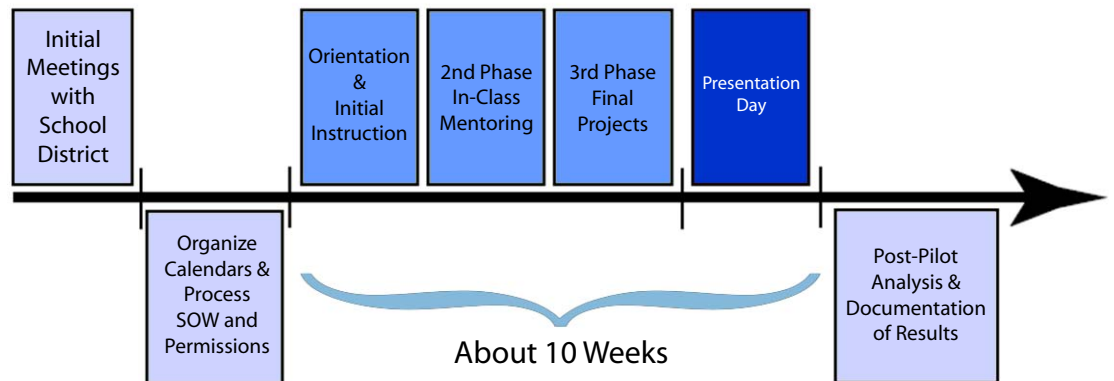
- Professional Development
- Curriculum Development
- Training to create exemplary lesson plans
- New teacher pedagogical training
- Correlation with local standards
- Funding Assistance

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**Horizons Professional Development Program**

Your introduction to our ground-breaking practice can happen at the scale of your choice. We offer fully customized curriculum planning and technology integration training throughout many classrooms and schools at one time. You might choose to begin with a pilot program in just one school and a few classrooms: a useful and inexpensive way to determine applicability with your existing professional development and curriculum enrichment programs. Our demonstration can include an informal documented study developed and presented following the pilot to assist you with future grant funding applications. No purchase of software or curriculum is required with a pilot.

**Pilot Program Timeline****Pilot Program Details**

**Duration:** 10 days scheduled to meet school needs.

**Cost:** Contact JDL Horizons for pricing on the complete pilot program.

**Deliverables:**

- 1 day planning with school administration and teachers to meet district and school goals
  - Selection and implementation of appropriate learning project(s)
- 8 days of in-class mentoring/instruction
- 1 day for students to present their finished products

**Target Pilot Areas:**

- Any grade level
- Any range of subjects
- Any range of teacher experience

**Typical Areas:**

- Mathematics
- Language Arts
- Social Studies
- Science
- ESL and Special Needs

For more information, contact JDL Horizons:

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