



**ConnectedPD**  
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## **ONLINE:** Technology in the 21<sup>st</sup> Century Classroom

*“I feel much more motivated to make sure my classroom is up to date in terms of technology.”*

– Claire K.

Technology has become an integral part of our life and learning patterns in the 21st century. The internet, blogs and smart phones are some examples of tools that we use to grow in our knowledge and understanding. Using technology like this in the classroom requires more than knowing how to use the tool. Teachers need to understand the role of technology in the learning process, and the principles behind integrating it in a way that it promotes learning without it being a distraction.

This course teaches concepts and ideas behind using technology in the classroom. It also helps teachers to understand the various skills that students need to develop in order to use technology in the most effective way. It equips teachers to help students use technology intelligently and responsibly.

### **Standards:**

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Assessment, Planning for Instruction and Instructional Strategies.

The course also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content and Teachers Facilitate Learning.



### **Each self-study PD course from Professional Learning Board includes:**

- **Convenient access** anytime, anywhere, any device
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- Implement **practical suggestions** immediately
- Demonstrate comprehension with **quizzes** and checks for understanding
- Print **certificates** of completion
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- **Integrate** with school and district-wide initiatives
- **Low cost solution for all courses, all teachers, all school year**
- **Reports** for school administrators



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### **Course Outline**

#### **Lesson 1**

##### **Overview**

- The mindset behind using technology.
- How learning environments and education have changed with technology.
- Technology standards and essential conditions required for learning to take place while using technology.

#### **Lesson 2**

##### **Tool Set**

- Tools in the classroom including blogs, wikis, Skype, Twitter, Google docs and Google earth.
- Implementing a code of conduct.
- The need for parent education, and learning to create a permission slip.
- Integrating technology into the curriculum.

#### **Lesson 3**

##### **Skill Set**

- The skill set required to succeed in the 21st century, and how these skills relate to technology.
- Technology to teach students to create, connect, communicate, collaborate and think critically.
- Digital learning farms.
- Roles students can take on while using technology in the classroom including tutorial designers, official scribes, researchers, collaboration coordinators, contributors to society and curriculum reviewers.

#### **Lesson 4**

##### **Mindset**

- Digital literacies.
- Literacy including basic literacy, information literacy, media literacy, visual literacy, global literacy and network literacy.
- Ethical use of digital media.
- Digital footprints