

21st Century Learning Package (25 Hours)



With the many advancements of the 21st century comes the urgent need for teaching approaches that promote student learning. Through this package, teachers are introduced to school-wide policy reforms as ways to promote collaboration, along with strategies to accommodate varying learning needs.

This online professional development course package shows teachers how they can integrate 21st century relevant approaches effectively into their unique classroom set-ups.

The 21st Century Learning Package includes 5 self-study courses (5 hours each) for a total of 25 hours of professional development.

- Classroom Collaboration
- Classroom Organization for the 21st Century
- Flipping Classrooms
- Inquiry-based Learning
- Standards-based Instruction through STEM

Classroom Collaboration



Standards:

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

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Implement collaborative learning in classrooms and develop successful learners. This framework enables teachers to recognize characteristics of collaborative classrooms, be aware of student and teacher roles, and practice group activities as an essential part of the classroom.

Teachers are introduced to school-wide policy reforms in place today that promote collaboration and group activities. Teachers are also provided with ideas and strategies to accommodate learners, including students with special needs. The practical examples, real-life experiences, and templates in this online course provide teachers a structure to use in their own classrooms.



Certificate of
Completion



100% Online



Quiz



Renew a Teaching License

by Professional Learning Board®

RenewTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Classroom Collaboration

Course Outline

LESSON 1: Introduction to Collaborative Learning

- What is collaborative learning and why should students collaborate?
- Collaboration vs. Traditional Approach
- Benefits and Importance of collaborative learning
- Overview on effective collaboration in the classroom
- Alignment of collaboration to State Standards
- The Collaborative Learning Model

LESSON 2: Collaborative Tools and Strategies

- Characteristics of a collaborative teacher
- Grouping strategies and designing grouping assignments
- Collaborative learning techniques
- Web tools and projects for collaboration
- Interactions and activities in a collaborative classroom
- Around the world collaboration
- Resources for collaboration

LESSON 3: The Collaborative Classroom

- Characteristics of a collaborative classroom
- Student and teacher roles in a collaborative classroom
- Preparing for collaborative activities
- Examples of classroom collaboration and collaborative learning spaces
- Managing today's classroom

LESSON 4: Assessment, Accommodations, and Challenges

- Collaborative assessment
- Approaches to collaborative assessment
- Challenges in a collaborative classroom
- Conflict resolution
- School-wide policies to promote collaboration



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Classroom Organization for the 21st Century



Standards:

This course aligns to the INTASC Standards including Learner Development and Learning Environments.

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

Good teaching is both an art and a science. It requires a significant amount of planning, research, preparation, evaluation, and a whole lot of creativity. However, that doesn't mean teachers need to sacrifice their personal and family life for education. The key to "doing it all" and "doing it all well" is organization. A rested, relaxed, and organized teacher is an effective teacher.

This course is full of tips, tools, templates, and creative ideas to help teachers organize the classroom environment, classroom activities, assessments, and other class events. Organized teachers can take practical steps to manage stressful days and avoid time crunches, creating a positive impact on both themselves and their students.



Certificate of
Completion



100% Online



Quiz



Renew a Teaching License
by Professional Learning Board®

RenewaTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Classroom Organization for the 21st Century

Course Outline

LESSON 1: Being an Organized Teacher

- Understanding the purpose and benefits of classroom organization
- Examining the reality of stress and burnout among teachers
- The traits of an organized teacher
- What makes a teacher organized?
- Classroom examples

LESSON 2: Organizing Your Classroom

- The overarching goals of organizing the classroom space and activities
- Effective classroom layout and design
- Managing classroom material - such as submissions and resources - efficiently
- Organizing classroom activities, including independent, group, and whole class work
- Strategies to manage and track student behavior positively, during lessons and through transitions

LESSON 3: Ten Tech Tools for Organized Teaching

- Essential considerations behind using tech to organize your classroom and teaching
- Ten useful tools/apps to organize teaching responsibilities, and the classroom applications of each

LESSON 4: Classroom Applications

- Planning for continuous assessments in the classroom and methods to carry them out effectively
- Working within a teaching team, partnering and preparing to be a substitute
- Organizing parent partnerships at both one-way and two-way levels
- Getting classroom projects and events efficiently planned and carried out
- Ensuring windup is productive, for teachers and students, at a daily and annual level



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

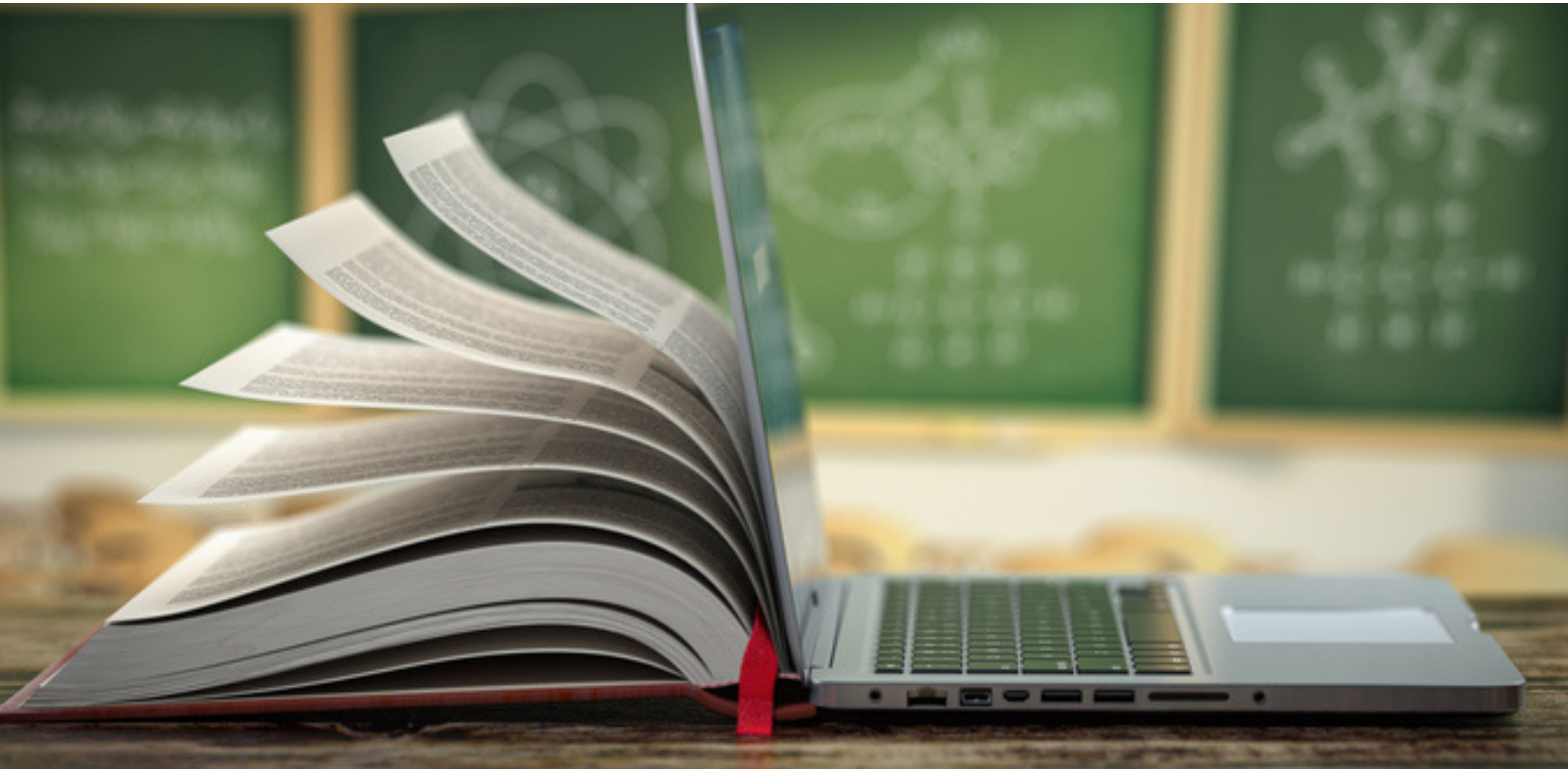


Renew a Teaching License
by Professional Learning Board®

RenewTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Flipping Classrooms



Standards:

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

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

"Flipping" the classroom liberates classroom instruction from traditional patterns. The goal is to move students beyond becoming 'proficient' in a subject to 'mastering' its intricacies. Explore making students' learning needs the driving force behind classroom instruction. Identify effective tools and strategies, such as video, digital simulations, and computer games to personalize lessons.

This approach empowers student ownership over their learning and promotes the classroom as a collaborative educational environment.



Certificate of
Completion



100% Online



Quiz



Renew a Teaching License
by Professional Learning Board®

RenewaTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Flipping Classrooms

Course Outline

LESSON 1: Understanding the Flipped Classroom

- Flipped classroom: Definition and why “flip?”
- Key elements and benefits to flipping a classroom
- Traditional classroom vs. flipped classroom
- Types of flipped classrooms
- Research and concerns regarding flipped classrooms

LESSON 2: Creating a Flipped Classroom

- How to flip the classroom
- Creating a flipped lesson plan
- Effective lesson planning
- Integration within a flipped classroom

LESSON 3: Tools for the Flipped Classroom

- Creating video content
- The latest technology for creating videos
- Digital tools for flipping
- Tips for effective videos

LESSON 4: Ideas, Tips and Collaboration

- Accommodating all learners and peer instruction
- Collaboration between students, parents, and school
- Flipping faculty meetings
- Flipping across grade levels



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans



Renew a Teaching License

by Professional Learning Board®

RenewTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Inquiry-based Learning



Standards:

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

It also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

This course offers an Inquiry-based Learning (IBL) framework for teachers. Through practical classroom examples, teachers learn how to encourage student initiative, evaluate student progress, and incorporate technology.

Teachers explore IBL models that can be adapted to meet the specific needs of their class, as well as monitor and enhance student learning.

Design thoughtful and intentional learning environments where you can explore relevant issues and develop effective pedagogy.



Certificate of
Completion



100% Online



Quiz

Inquiry-based Learning

Course Outline

LESSON 1: Introduction to IBL

- The need of an Inquiry Based Learning (IBL) approach and knowing the constituents involved
- Academic research that supports IBL
- Differences between IBL and traditional education
- Define roles of teachers and students

LESSON 2: Inquiry-based Learning Model

- The need for a model to apply the IBL approach
- Various models developed by academicians
- Practical applications of the inquiry model for teaching lessons
- The emotional trajectory of an inquiry process

LESSON 3: Designing IBL

- The IBL foundations for effective lesson plans and activities
- Ways to classify students based on their understanding and experience with IBL
- Manage the dynamic classroom environment
- Principles and methods of assessing students

LESSON 4: Enhancing the IBL Classroom

- Creation of a support system for effective inquiry-based learning
- Use of technology to enhance the IBL experience
- Technology as a tool for professional development
- Web tools that can help at different stages of inquiry



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans



Renew a Teaching License

by Professional Learning Board®

RenewTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Standards-based Instruction through STEM



Standards:

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

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

STEM integration doesn't need a huge budget, lots of technology, or a ready-to-use curriculum. It's something any teacher, any school, and any classroom can integrate.

No one knows your students better than you. That's why this course is designed to equip and encourage you to integrate STEM education into your classrooms in ways that you think are most suitable for your students. You will learn how to plan your classroom set-up, design your own STEM curriculum, and integrate standards.

STEM education is not just about doing what's "cool." It is essential that students learn how to apply what they learn in real life situations and across different subjects.



Certificate of
Completion



100% Online



Quiz



Renew a Teaching License

by Professional Learning Board®

RenewTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC

Standards-based Instruction through STEM

Course Outline

LESSON 1: Introduction

- Definition of STEM
- Need for STEM
- Three STEM program attributes and five different STEM program models

LESSON 2: Setting Up for STEM

- Characteristics of STEM students and teachers
- Understanding STEM in the context of Math and Science
- Integrating STEM into any classroom
- Choosing appropriate STEM material and curriculum

LESSON 3: STEM Standards and Assessments

- Shared standards that are internationally benchmarked
- Challenges and benefits of successful STEM assessments
- Assessments for elementary, middle, and high school classrooms
- Benefits, opportunities, and challenges of STEM integration

LESSON 4: Designing STEM PK-12 Curriculum

- Integrating STEM into elementary, middle, and high-school classrooms
- Designing STEM instruction for the year
- Writing individual STEM units using science, math, technology, and literacy standards
- Implementing effective lessons in the classroom



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans



Renew a Teaching License

by Professional Learning Board®

RenewaTeachingLicense.com

© Professional Learning Board®, a service of The Learning Factory LLC