

KS Relicensure Package #2 (120 Hours)



The KS Relicensure Package #2 (120 Hours) includes 24 self-study courses (5 hours each) for a total 120 hours of PD.

- Accommodations through UDL
- Apps for Education
- Assessment Strategies
- Cultural Competency and Responsive Teaching
- Curriculum Development
- Differentiation for Gifted Learners in the Classroom
- Examining and Evaluating Student Work
- Flipping Classrooms
- Formative Assessment
- Internet Safety in a Connected World
- Introduction to Autism
- Inquiry-based Learning
- Language Acquisition
- Project Management for Students through Project-based Learning
- Reading Across the Curriculum
- Research-based Instructional Strategies
- Rubrics in Teaching and Learning
- Student Portfolios
- Student-centered Learning
- Standards-based Instruction through STEM
- Technology in the 21st Century Classroom
- Transformative Classroom Management
- Understanding ADHD
- Virtual Field Trips

Accommodations through UDL



Accommodation, Modification, and Adaption Requirement

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.

Teaching each and every student effectively is never easy. Teachers are faced with the challenge of teaching a diverse group the same lesson and ensuring that they all learn in the process.

This course is designed to present teachers with the Universal Design of Learning (UDL) framework, which builds on research that shows how a single teaching approach has very limited results on student learning, highlighting the need for a new curricular approach.

This course is centered around exploring practical strategies that can be used to add a much needed element of flexibility in teaching presentation, student expression, and meaningful engagement.



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Quiz

Accommodations through UDL

Course Outline

LESSON 1: Basics of UDL (Universal Design of Learning)

- The meaning and need for UDL to meet both teacher and student needs
- Designing comprehensive curriculum and effective assessments
- The basic principles of UDL and their implementation
- Using UDL to meet the varied needs of students by differentiated instruction

LESSON 2: Flexible Methods of Presentation

- Possible barriers to optimal student learning and strategies to overcome them
- Audio-visual and textual strategies of providing multiple options for perception
- Using variety in language, mathematical expressions, and symbols
- Essential strategies in ensuring successful comprehension, maximum transfer, and generalization of learning

LESSON 3: Flexible Methods of Expression

- Effective strategies to successfully engage and challenge students
- Ensuring that the expected physical engagement with the learning environment does not pose barriers for differently-abled students
- Offering alternatives for students to express themselves
- Using the UDL framework to scaffold the skills needed to demonstrate students' executive functioning

LESSON 4: Flexible Options for Engagement

- Providing multiple opportunities so all students are engaged in the classroom
- Strategies to create a positive classroom environment
- Ensuring that the primary goal is enhanced student learning, but eliminating distractions and irrelevant activities
- Promoting students' self-regulation by teaching them personal coping skills, self-assessment, and reflection techniques



5 Hours
of Learning



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Resources & Tools for
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Apps for Education



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.

Integrate Ruben Puentedura's SAMR model with Alan November's work on Transformative Learning to find the best apps to educate YOUR students.

In this course, teachers will be equipped to go beyond using an app merely because someone else has recommended it and fully examine the true learning potential.

With an integrated approach, teachers can successfully consider an apps' connections with curriculum content and ability to amplify existing learning levels, while systematically evaluating their transformative learning capability.



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Quiz

Apps for Education

Course Outline

LESSON 1: Considerations, Content and Components

- Apps that encourage students to engage with a greater degree of independent thought
- The key skills in Bloom's Taxonomy and how they can be applied while considering an app for educational use
- Using November's Digital Learning Farm to empower students with targeted apps
- The use of apps to teach the various "multiple intelligences" in Garner's learning theory
- Specific skills and literacies essential for effective teaching and learning in the 21st century and choosing apps that promote their development
- Essential content and components to look for in apps

LESSON 2: Logistics and Fluency

- Common logistical concerns with using apps, and how to address and anticipate them
- The importance of achieving fluency in app usage to ensure better learning potential
- Essential phases in app fluency to measure against an app's performance

LESSON 3: Learning with Apps

- Transitioning from using apps to "substitute" traditional teaching, to a more transformational approach
- Ways to enhance students' learning through Puentedura's SAMR models
- The integration of November's three phases to ensure rigorous app evaluation
- The use of concrete evidence of students' learning as the ultimate decider on the future use of an app

LESSON 4: Sample Evaluation and Recommendations

- Evaluation of an app against all the considerations discussed in the course to find one with optimal teaching potential
- Recommended apps, across iOS, Android and Windows platforms, for the following classroom purposes: Storytelling, Photography, Visualization and Mind Mapping, Note Taking, Book Creators, Screen Casting, Word Clouds, Photo Collages, Drawing, Video, Audio Recording



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Resources & Tools for
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Resources & Tools for
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Assessment Strategies



Standards:

This course aligns to the INTASC Standards including Learner Development, Learning Differences, 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.

Assessments are not confined to year end tests and grades. They are meant to be a part of daily teaching and learning. Good assessments are powerful – they may be used to change the way teachers teach, students learn, and sometimes even what is taught.

This course will help teachers design an assessment process that will provide a reliable and valid evaluation of their students. Strategies for assessing Reading and Math skills are explored in detail. Assessments may be seen as an opportunity for teacher professional development. From updating teaching strategies to modifying curriculum to tailoring instruction, assessments may enable both teachers and students to achieve their goals.



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Quiz

Assessment Strategies

Course Outline

LESSON 1: Classroom Assessment Strategies

- Exploring Standards with a brief introduction
- Elaborating on different kinds of assessments including summative and formative assessments
- Connecting learning to the real world beyond classrooms

LESSON 2: The Assessment Process

- Defining and providing information on various assessment related terms, including evaluation and validity; and concepts such as sound assessment design and effective communication
- Explaining the assessment process including writing objectives and analyzing data

LESSON 3: Assessment and Evaluation Strategies

- Detailing assessment strategies regarding Reading: including before and after reading strategies and related concepts
- Analyzing in-depth the strategies relating to Mathematics: including higher order thinking, reflective prompts and self-questioning

LESSON 4: Assessment Challenges and Professional Development

- Exploring the challenges of assessments as opportunities for professional development
- Reiterating the integral part of assessments in education and providing information on available resources



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Resources & Tools for
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Cultural Competency and Responsive Teaching



Standards:

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

It also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, and Diverse Learners.

Teachers deepen their understanding of their own frames of reference, potential bias, and impact on expectations for and relationships with students, students' families, and school communities.

This course demonstrates responsive teaching in the classroom by helping teachers consider, connect with, and build competence in meeting the many learning needs of all students while addressing culturally diverse classrooms that are sensitive and equitable to learners across languages, genders, religions, cultural backgrounds, and special needs.



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Quiz

Cultural Competency and Responsive Teaching

Course Outline

LESSON 1: Cultural Competency

- Defining culture and cultural competency
- Cultural beliefs and values
- Impact of culture on behavior

LESSON 2: Bias

- Definition, types, and identification of bias
- Assumptions, perspectives, and self-perceptions

LESSON 3: Culturally Responsive Classrooms

- Impact of culture on teaching and learning
- Brain roles in learning
- Teaching styles and student impact
- Building rapport with students

LESSON 4: Culturally Responsive Teaching

- Diversity in the classroom
- Understanding diversity: origin, religion, gender, language, special needs, and mental health
- Cohesive classrooms and school communities
- Collaborating with families



5 Hours
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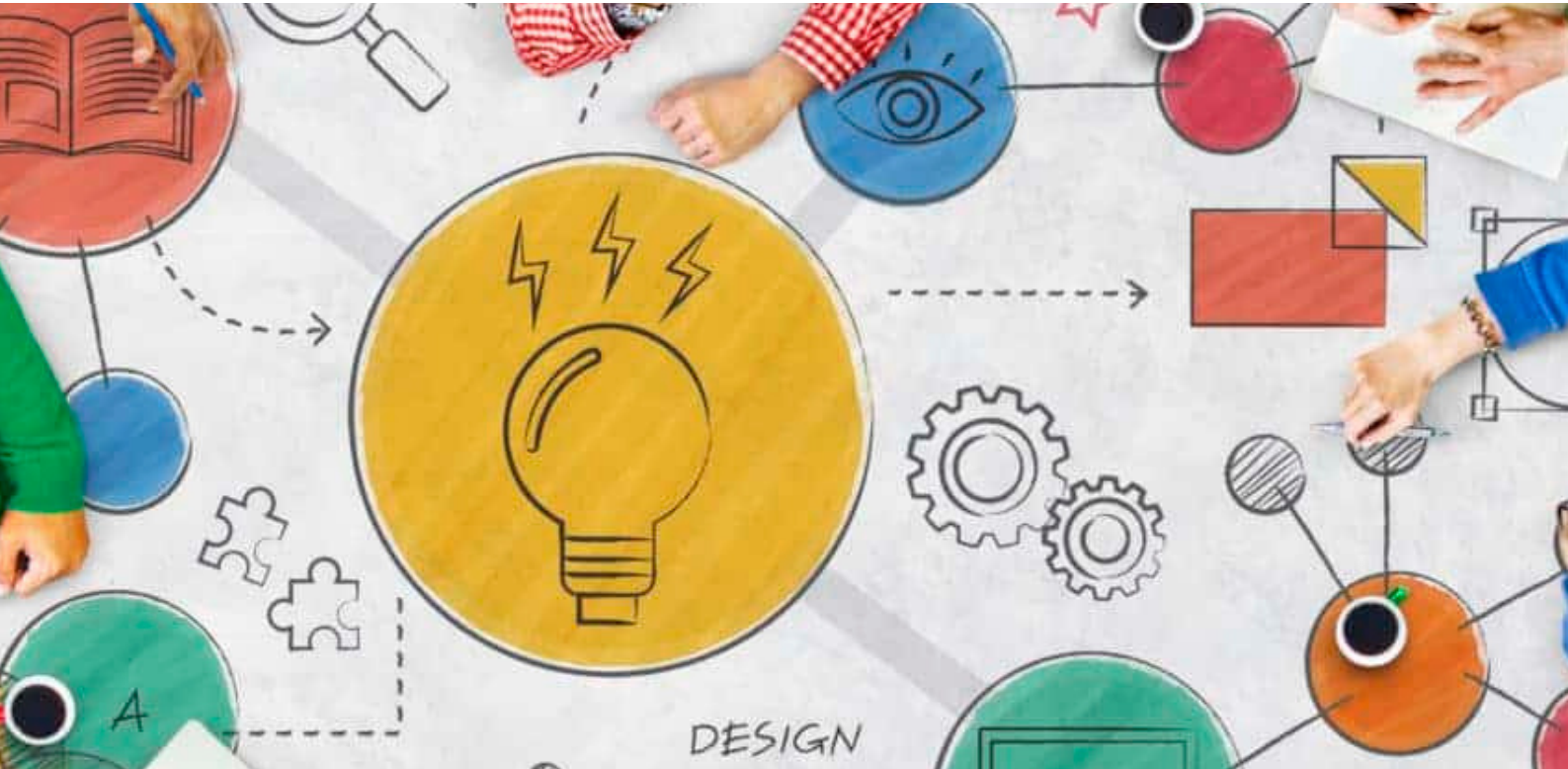


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Curriculum Development



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, Teachers Know Content and Teachers Facilitate Learning.

Effective curriculum is a foundation for successful learning. Educators can strengthen the curriculum with the resources, examples, and templates included in this online course.

Teachers learn how to plan, develop, integrate, and evaluate curriculum more effectively. This information empowers teachers to feel more confident when implementing interactivities.



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Curriculum Development

Course Outline

LESSON 1: Introduction

- Curriculum development
- Curriculum vs. Syllabus
- Effective curriculum
- Curriculum planning

LESSON 2: Developing a Standard-based Curriculum

- Standard-based curriculum
- Yearlong curriculum
- Elements of a long-term scope and sequence of curriculum
- Types of curriculum maps
- Backwards planning
- Creating a unit plan
- Preparing an effective lesson plan

LESSON 3: Curriculum Integration

- Curriculum and levels of Integration
- Approaches of integration
- Interdisciplinary curriculum
- Benchmark descriptors of interdisciplinary curriculum
- Models of curriculum integration
- Implications of implementing an integrated curriculum

LESSON 4: Curriculum Evaluation

- Defining curriculum evaluation
- Need for evaluation
- Types and models of curriculum evaluation
- Criteria for evaluation
- Phases of curriculum evaluation
- Tools for evaluation



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Differentiation for Gifted Learners in the Classroom



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.

This course examines some of the challenges facing gifted learners and offers easily implemented accommodations and success strategies. By understanding the unique learning needs of children who are considered “gifted,” participants will indirectly meet the individual needs of all learners.

Through this course, educators and parents can make greater sense of gifted and talented education by learning about identification, instruction, and assessment. Teachers will also explore related topics, issues, and resources geared towards our gifted population.



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Quiz

Differentiation for Gifted Learners in the Classroom

Course Outline

LESSON 1: Characteristics

- Who gifted learners are
- Types of gifted learners, including academic, linguistic, and artistic learners
- Qualities of gifted learners

LESSON 2: Personal, Social and Cognitive Needs

- The personal, social and intellectual needs of gifted learners
- Differentiation and how it can be implemented, including aspects process and assessment
- Independent learning and curriculum compacting for gifted learners

LESSON 3: Special Populations

- Twice exceptional students and how they require additional support
- Indicators of twice exceptionality and strategies that can be used to teach this special population

LESSON 4: Practical Strategies

- Several practical strategies that can be used while working with gifted learners and special populations
- Pre-assessment in teaching gifted learners
- Strategies such as H.O.T.S, Morning Minute, Learning contracts and tiered instruction



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Examining and Evaluating Student Work



Standards:

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

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

Evaluating student learning goes beyond merely grading papers. Both schools and teachers need to intentionally move toward assessing students' understanding, and then use this insight to enhance teaching and learning practices.

The wealth of resources and classroom examples provided in this course enables teachers to enhance existing evaluation practices. Calling for a shift in approach, this course lays out effective and dynamic methods by which teachers can assess student work. These help ensure that educational focus remains entirely on both teacher and student development.



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Examining and Evaluating Student Work

Course Outline

LESSON 1: Evaluating Student Work

- Meaning of assessment and why it is needed for growth
- Considering criticism of assessment methods
- What constitutes a well-designed assessment?
- Tools of holistic assessment

LESSON 2: Effective Grading Process

- The key to consistent assessment
- Learning to grade group work
- Practical tips for handling complaints
- Creating rubrics to assist the grading process

LESSON 3: Examining Student Work

- Introduction to examining student work and research that supports it
- Drawing teachers into an inquiry-based learning experience
- Examining student work to change practice
- Turning apprehensions into learning opportunities

LESSON 4: Planning, Process and Takeaways

- Planning and carrying out ESW meetings
- Choosing appropriate student work samples
- Facilitating collaborative work
- Using protocols for smooth functioning



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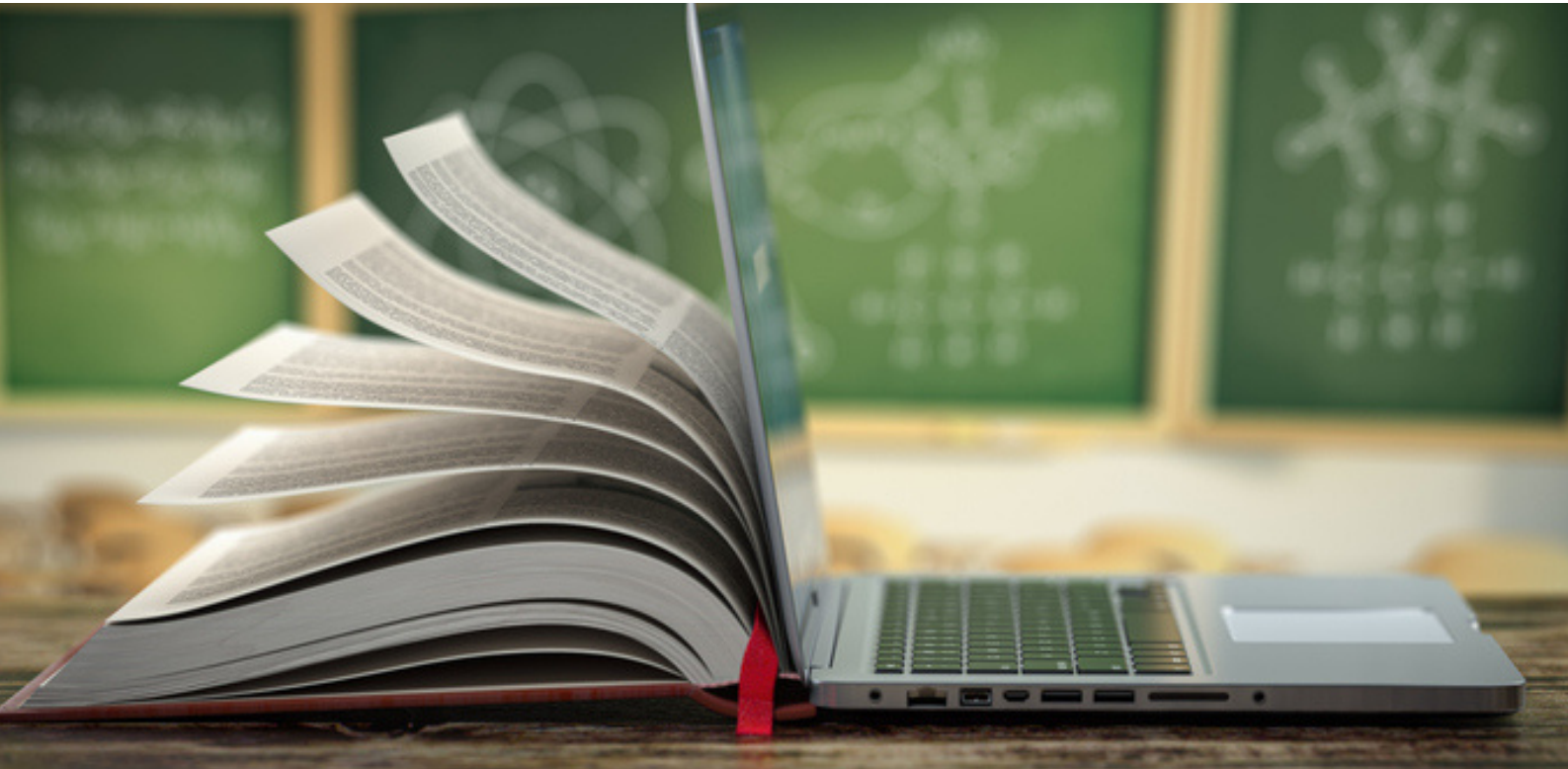


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Flipping Classrooms



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.

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"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.



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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
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Resources & Tools for
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Formative Assessment



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.

Formative assessments allow teachers to respond to a student's needs quickly, and, even more importantly, allows the student to shape instruction. Effective formative assessments result in instruction that meets the needs of each student.

In this innovative online course, teachers learn about and implement formative assessments. Discover and demonstrate for yourself, your students, and your community what happens when students are truly learning.



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Quiz

Formative Assessment

Course Outline

LESSON 1: The Essentials

- Concepts behind and purpose of formative assessment
- Practical strategies that may be used to implement formative assessment
- Commonly used formative assessments, including teacher observation, questioning, rubrics, essays, and peer assessment
- Benefits of each strategy and how they can be used effectively

LESSON 2: Nuts and Bolts

- The process of formative assessment
- Concepts behind goal mastery
- The importance of feedback, reports, visual depiction, and celebration in formative assessment
- Designing lesson plans that integrate formative assessment

LESSON 3: Making Connections

- The role of assessment in standards-based education
- Formative and summative assessments, and the difference between the two



5 Hours
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Internet Safety in a Connected World



Standards:

This course aligns to the INTASC Standards including Learning Environments and Planning for Instruction.

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

Technology has become an integral part of our lives, but it also presents risks - especially for children.

In this course, teachers learn about the different kinds of online threats and how they can protect themselves and their students. The course includes:

- Social media
- Texting
- Video games
- Cyberbullying
- Online predators
- Tips & tools for protecting children online
- And more....



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Quiz

Internet Safety in a Connected World

Course Outline

LESSON 1: Connecting on the Internet

- Social media
- Features and red flags of social media
- Posting and viewing photographs and videos safely
- Smart watches

LESSON 2: The Internet in Daily Life

- Diverse means of electronic communication
- Gaming and virtual worlds
- E-commerce and digital footprints
- Existing dangers
- Interactive scenarios:
- Handling peer pressure and secure chatting options

LESSON 3: Downloading from the Internet

- Shielding unauthorized copying and piracy
- Sending out files
- Plagiarism
- Software that harms computers and guidelines to prevent this

LESSON 4: Staying Safe on the Internet

- Online predators and their behaviors – grooming and gifting
- Cyberbullying: forms and effects
- Monitoring software and parental controls with usage agreements
- Reporting online crimes, gathering evidence, and calling for help



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Resources & Tools for
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Introduction to Autism



Standards:

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

Most of us know someone with autism. This neurodevelopmental condition impacts a student's ability to communicate, form social skills, and manage sensory challenges. Autism often affects a student's academic potential and learning style in the classroom. A person with autism may experience a unique way of thinking, remembering events, reacting, and communicating.

In this course, educators will find tried and tested strategies, tips, real-life examples, and insights to create more inclusive classrooms and help students on the autism spectrum thrive.



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Quiz

Introduction to Autism

Course Outline

LESSON 1: Overview

- Definition
- Symptoms and other similar conditions
- Therapies
- Labeling neurodevelopmental disorders
- The brain in Autism Spectrum Disorder

LESSON 2: Social Skills in ASD

- Social skills and related challenges.
- Theory of the mind
- Teaching non-verbal learners
- Verbal processing, echolalia, perseveration, and scripting
- Abstract language, eye contact, empathy, spatial terms, and pronouns

LESSON 3: Expressions of Autism

- Sensory hyposensitivity and hypersensitivity
- Splintered development, perseveration, and stress
- Part-to-whole or whole-to-part thinking
- The lack of social motivation and imagination in children with ASD
- Extraordinary abilities

LESSON 4: ASD in School

- Neurological differences in children with ASD
- Central Coherence Theory
- Classroom physical environment
- Teaching materials and strategies
- Behavior management strategies
- Working with parents and team



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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.



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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



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Resources & Tools for
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Language Acquisition



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 Analyze and Reflect.

Delve into theories of the language acquisition process, and uncover practical ways for teachers to help English Language Learners understand lesson content.

Through the strategies and information provided in this course, teachers are equipped to meet students at their specific stage of language learning, create aligned activities, and help students achieve higher levels of linguistic fluency.

The techniques presented cover the acquisition and mastery of literacy skills for students including reading, writing, and dialogue, as well as understanding and supporting English Language Learners at a deeper level.



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Quiz

Language Acquisition

Course Outline

LESSON 1: Introduction

- Considering how language is acquired
- Distinction between learning and acquiring a language
- Rules of language
- Basic Interpersonal Communication Skills (BICS) and Cognitive Academic Language Proficiency (CALP)
- The meanings and need for comprehensible input and interactionism
- Age related considerations in the acquisition of a language

LESSON 2: The Acquisition Process

- The stages of language acquisition and the characteristics, duration, and strategies of each; The Silent Period, Early Production, Speech Emergence, Intermediate Proficiency, Advanced Proficiency
- Reception and production of oral language vs. reception
- Reciprocity between oral skills and written skills in second languages

LESSON 3: Literacy Skills - Reading

- Why Literacy skills are essential to school success
- "Balanced Literacy" approach, its principles, and choosing appropriate texts
- The Language Experience Approach for early reading development
- Context-based activities in diverse classrooms
- Top-down approaches to reading and phonics for a balanced literacy program

LESSON 4: Writing and Dialogue

- Shared or modeled writing to benefit writers at early stages
- Free writing vs. a structured writing
- Dialogue journals
- Process writing stages: Prewriting, Drafting, Peer Review, Revising and Publishing
- Instructional Conversation (IC)



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Resources & Tools for
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Project Management for Students through Project-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 all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Project management encompasses a range of skills – including research, collaboration, communication, leadership, problem-solving, and cooperation. Teachers must integrate project management training into their classrooms without disrupting the curricular learning.

Keeping in mind the challenges this poses, teachers are presented with project-based learning as a means to successfully develop students' skills while simultaneously keeping the focus on topics within the curriculum.

Teachers are provided with a wide range of examples and strategies, along with an in-depth view into the effective use of projects, and an understanding of how they can influence student growth at every stage.



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Project Management for Students through Project-based Learning

Course Outline

LESSON 1: Importance of Project Management

- Exploring new concepts and strategies to facilitate student connection with real-world situations
- Research findings of project-based learning
- Principles, benefits, and rationale of project-based learning
- Transferrable skills while working with the project based learning system

LESSON 2: Planning for Successful Project Based Learning

- Basic guidelines to consider before selecting a project
- Ensuring authentic learning for students
- Effective technology use during a project
- Developing classroom culture

LESSON 3: Stages of Successful Implementation

- Stages of projects with examples for implementing
- Learning to allocate resources
- Existing project opportunities
- Common challenges and unexpected changes during a project

LESSON 4: Resources and Engagement

- Project examples with management skills to execute them
- Integrating technology in project management
- Importance of community connect for successful implementation of the project
- Funding sources and online databases that teachers can approach for grants



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Reading Across the Curriculum



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.

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Reading is an essential component of learning. Often, when students struggle with a specific subject matter it is because of poor reading instruction and underdeveloped reading skills.

Full of research-based reading instruction techniques, this course can be used across all content areas and grade levels to improve student achievement. Teacher learn new ideas for motivating students to read more and improve reading comprehension.

This course provides tools, exercises, and additional resources that you can use to practice new skills. Dive into the world of reading instruction and get geared up to make your students proficient readers.



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Reading Across the Curriculum

Course Outline

LESSON 1: Research

- The importance and nature of the 'reading' skill
- Language development in the early years
- Implications of different levels of daily language exposure
- How the brain processes what we already know and have experienced to develop reading skills

LESSON 2: Reading Assessments

- Diversity of students' reading abilities
- The purpose of reading assessments and components
- Common reading assessments and their usage
- Cloze and CARI to measure reading performance

LESSON 3: Basic Reading Strategies

- Basic reading strategies and accessing results
- Essential elements and traditional lesson formats
- Pre-reading, the reading process, and post-reading
- Effective ways to extend the life of the text beyond the lesson

LESSON 4: Reading Across Content Areas

- Scaffolding a common textbook to support varying reading levels using four steps
- Using different books on a common topic or learning objective to meet differing needs
- Question-Answer Relationships (QARS)
- Effectively approaching different structures of texts



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Research-based Instructional Strategies



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 the McRel Teacher Evaluation Standards including Teacher Leadership, Teachers Know Content and Teachers Facilitate Learning.

Educators must continually review, reflect, and work on their instructional skills. This helps students improve in academic achievement, develop an attitude of learning, and acquire skills.

This course provides teachers with research-based approaches and practical strategies to enhance the effectiveness of teacher led instruction and encourage active student involvement in learning.

Teachers will examine their own views and explore common educational myths. With examples, templates, and rubrics, teachers will be able to incorporate new strategies across the curriculum.



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Quiz

Research-based Instructional Strategies

Course Outline

LESSON 1: Introduction

- The importance of education and a review of educational achievement statistics
- The benefits of incorporating research proven instructional strategies in the classroom
- Myths related to learning and teaching and the truth revealed through research

LESSON 2: Teacher-focused Approaches and Strategies

- Developing reflective practice
- The learning process
- A look at research-based student learning and achievement strategies
- Classroom application of strategies and approaches

LESSON 3: Active Learning

- The importance of active student participation and engagement
- Student engagement and active learning
- Research-based strategies
- Activities and projects

LESSON 4: Research-Based Strategies for Literacy and Math

- The importance of literacy
- The elements required to develop good reading skills
- Research-based strategies on improving students' reading skills
- The importance of developing one's writing skills
- Research-based strategies on improving students' writing skills and classroom applications of the same
- The importance of math in real life situations and the need for developing one's math skills



5 Hours
of Learning



Convenient Access:
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Resources & Tools for
Professional Learning Plans

Rubrics in Teaching and Learning



Standards:

This course aligns to the INTASC Standards including Learner Development, Learning Differences, 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.

A rubric is more than an assessment.

By using consistent grading, teachers can provide quality formative and summative feedback for students at periodic intervals throughout the year.

Teachers use rubrics to grade a wide range of student work, including: solo projects, group work, portfolios, homework assignments, book reviews, and tests.



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Quiz

Rubrics in Teaching and Learning

Course Outline

LESSON 1: Introduction to Rubrics

- The purpose, significance and characteristics of rubrics in education
- Different types of rubrics
- Learning to choose rubrics to match specific needs

LESSON 2: Design and Implementation

- Stages in designing a rubric based on required criteria
- Identifying the online resource required
- Seeking feedback and teacher assessment of one's own rubric

LESSON 3: Rubrics in Instruction

- How to use rubrics to enhance instructional effectiveness
- Integrating rubrics into different subjects
- Identifying and meeting diverse learning needs

LESSON 4: Rubrics in Assessment

- Usefulness of assessment rubrics and description of its different elements
- Role of a teacher in developing and implementing effective assessment rubrics
- Assessment rubric based on standards and teacher self-assessment rubric



5 Hours
of Learning



Convenient Access:
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Resources & Tools for
Professional Learning Plans

Student Portfolios



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

Successfully integrate portfolios to enhance student development and become an essential part of teaching and learning.

The practical tips and suggestions provided in this course will take teachers through the process of implementing portfolios in their classrooms. The resources included show teachers how to capitalize on a student's natural tendency to save work, get them to take a second look, and critically analyze how they can improve future work.

Rich in examples, suggestions, and tips for teachers, this course aims to enhance the teaching and learning experience for students.



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Quiz

Student Portfolios

Course Outline

LESSON 1: Process and Benefits

- Research on student portfolios
- Portfolio benefits and their contribution to learning
- Characteristics of the portfolio process
- Adding power to portfolios with parents as mentors
- Logistics and management of both paper and digital student portfolios

LESSON 2: Types of Portfolios

- In-depth analysis of the types of student portfolios
- Primary stages of the process, working and showcasing portfolios
- Examining the role of teachers as 'portfolio advisors'
- Potential challenges of the portfolio process, and practical tips to overcome them

LESSON 3: Digital Portfolios

- Digital portfolios and their 21st century relevance
- Types of digital portfolios and their practical implementation
- A systems approach to planning an impressive portfolio
- Examining the key aspects of effective implementation of digital portfolios
- Web tools to help students create digital portfolios

LESSON 4: Portfolio Assessment

- Benefits of portfolio assessment for both students and teachers
- Formative versus summative assessment of student work
- Implementing a scoring system with rubrics, presenting results
- Brief overview of the assessment process, focus, and criterion
- Considerations for portfolio assessment



5 Hours
of Learning



Convenient Access:
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Resources & Tools for
Professional Learning Plans

Student-centered 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 all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Teachers committed to student development look forward to lively, stimulating, and effective learning environments where their students are self-motivated, able to build on what they already know, and equipped for the real-world.

The student-centered learning approach provides a fitting framework for designing a classroom that shifts focus from the basic implementation of standardized curriculum and assignments to a more creative, organic facilitation of subject content and student activity.

This course presents resources, research-validated strategies, and practical examples to equip teachers with the necessary toolkit to seamlessly turn their classrooms into student-centered environments.



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Quiz

Student-centered Learning

Course Outline

LESSON 1: Introduction

- Meaning, characteristics, and principles of Student-centered Learning
- Comparison between teacher-led and student-centered approaches
- Dispelling myths regarding student-centered classrooms
- Student-centered learning and the standards

LESSON 2: Setting Objectives and Providing Feedback in the SCL Classroom

- Developing student-centered learning objectives
- Facets of understanding
- Staying on track through learning logs
- Assessment and feedback techniques

LESSON 3: SCL Strategies for the Classroom

- Understanding the teacher's role in a student-centered classroom
- Teaching and learning methods
- Ensuring student motivation
- Classroom strategies for integrating SCL techniques

LESSON 4: Setting up for Success

- Potential of technology in key areas of learning
- Tools that enhance learning in student-centered classrooms
- Getting parents involved in learning
- Extending learning opportunities outside of school hours



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

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.



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Quiz

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

Technology in the 21st Century Classroom



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.

Today's educators know about many digital tools at their disposal. However, using technology in the classroom requires more than just knowing how to use the tools. Teachers need to understand the role of technology in the learning process, and principles to integrate tech in a way that it promotes learning without distracting from the curriculum.

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



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Completion



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Quiz

Technology in the 21st Century Classroom

Course Outline

LESSON 1: Introduction

- 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

- Classroom tools
- 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 that teaches students how 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



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Transformative Classroom Management



Standards:

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

All students are unique and group dynamics, cultural backgrounds, and experiences vary — sometimes dramatically. But for the most part, sound ideas get positive results and unsound ideas get mixed results at best.

Not all ideas sold in the marketplace of classroom management strategies lead to desirable results. In fact, many of the most popular ideas result in more harm than good.

This course is a synthesis of what's effective in the area of classroom management. It builds on extensive time, real experiences of teachers, observations of hundreds of classrooms, research, and the best ideas put into successful practice.



Certificate of
Completion



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Quiz

Transformative Classroom Management

Course Outline

LESSON 1: Classroom Management

- Identifying common attributes in transformative classrooms that instill essential skills for student success
- Examining attitudes and pedagogical choices that promote effective classroom management
- Analyzing popular but ineffective strategies that promote classroom dysfunction

LESSON 2: Classroom Expectations

- The importance of laying out clear and shared expectations in the classroom
- Examining intentional classroom management strategies to identify the nature and outcomes of each
- The need for consistent implementation and positive expectations for long-term benefits

LESSON 3: Technical Management

- The need for teachers to be experts at technical classroom management strategies
- Identifying the essential principles behind a focused vision and classroom culture
- Understanding the nature of student attention and strategies to secure it

LESSON 4: Student Motivation

- The distinctions between intrinsic and extrinsic motivation, and the need to develop the former
- Strategies to develop each type of motivation and their limitations
- The nature and role of external rewards like grades and incentives
- The basic needs fulfilled by internal rewards and ways to reinforce them



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Transformative Classroom Management

Course Outline

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5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Understanding ADHD



Standards:

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

Have you ever come across a child who's always on the move? They might have Attention Deficit Hyperactivity Disorder (ADHD). Children with this condition are restless, impulsive, and have a very short attention span.

These energetic students can often disrupt a classroom. This course provides a variety of tips, adaptations, and strategies for teaching students with ADHD and other students who are energetic, hyperactive, or have difficulty paying attention.

You will learn about classroom modifications and adaptations that can help maintain order in the classroom and discover methods for communicating more clearly with special educators and parents.



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Completion



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Quiz

Understanding ADHD

Course Outline

LESSON 1: Introduction

- Definition of and challenges of ADHD
- Causes of ADHD
- Strengths of students with ADHD
- Prognosis and treatment of ADHD

LESSON 2: Core Issues in ADHD

- The ADHD brain and how the changes in the brain cause deficits
- Challenges in ADHD and strategies that may be used to overcome them, especially in the areas of attention, hyperactivity, and impulsivity
- Strategies that are useful in working with students with ADHD including instruction sheets, classroom seating, movement breaks, and rules
- Dealing with anger and addictive behavior in students with ADHD

LESSON 3: Associated Issues in ADHD

- Issues seen in ADHD, including issues in organization, motivation and social skills
- How teachers may help students to organize their schoolwork and complete it
- How to motivate students with ADHD
- How to support students with ADHD so they can build positive friendships

LESSON 4: Accommodations

- Classroom accommodations that can help a student with ADHD learn and perform well
- Modified seating and lighting
- How a classroom schedule and organization can support learning
- Adapting homework, visual aids, and assessments in order to help a child with ADHD cope with the curriculum



5 Hours
of Learning



Convenient Access:
Start Right Away



Resources & Tools for
Professional Learning Plans

Virtual Field Trips



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

Field trips help students make connections between classroom learning and the world. However, they aren't always practical due to budget constraints, safety concerns, or learning needs.

Virtual field trips are an effective alternative to traditional field trips because of accessibility, ease, and interactivity. They are cost-effective, safe to use, and break down geographical and learning barriers. Virtual field trips work well for all types of classrooms.

In this course, teachers discover innumerable tips and resources to plan, create, and customize virtual trips and cater to their students' needs. Take classroom learning beyond the confines of the classroom.



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Completion



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Quiz

Virtual Field Trips

Course Outline

LESSON 1: Introduction to Virtual Field Trips

- Characteristics
- Opportunities
- Applicability

LESSON 2: Virtual Field Trip Resources

- Pre-designed virtual field trips
- Resources to design virtual field trips
- Maximizing learning

LESSON 3: Planning a Virtual Field Trip

- Considerations
- Types of virtual field trips

LESSON 4: Conducting a Virtual Field Trip

- Setting the stage and goal
- Student participation and post-virtual field trip follow-up
- Drawing connections and real-world implications
- Reporting and evaluating the virtual field trip



5 Hours
of Learning



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Resources & Tools for
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