The Upstate Professional Development Resource Center Serving all Regions North of NYC



January 2024

Digital Newsletter

This month we begin exploring Artificial Intelligence (AI) in schools. We asked AI to write the introduction to this newsletter. Here is what happened . . .

A Journey into Artificial Intelligence in the Classroom

In recent years, Artificial Intelligence (AI) has emerged as a powerful tool in various fields, and education is no exception. As teachers in religious and independent schools, you may be curious about how AI can be integrated into your classrooms. Let's delve into the pros and cons of using AI and explore some tips for getting started with this exciting technology.

One of the major benefits of incorporating Al into the classroom is its ability to personalize learning. With Al-powered adaptive learning systems, students can receive tailored instruction to meet their individual needs and learning styles. Al can also analyze vast amounts of data to identify patterns and trends, allowing teachers to gain valuable insights into student performance and make data-driven instructional decisions.

Another advantage of AI is its potential to enhance students' critical thinking and problem-solving skills. Through AI-based platforms and tools, students can engage in interactive and immersive learning experiences, where they are encouraged to explore complex problems and develop innovative solutions. AI can also facilitate collaborative learning, enabling students to work together on projects and exchange ideas in real time.

However, it is important to consider the drawbacks of AI in the classroom. One concern is the potential for overreliance on AI and the diminishing role of teachers. While AI can provide valuable support, it should not replace the human connection and guidance that teachers provide. It is crucial to strike a balance between AI-driven instruction and teacher-led facilitation to ensure a holistic learning experience.

Additionally, there might be ethical considerations when using AI in the classroom. Data privacy and security issues arise when collecting and analyzing students' personal information. It is essential to implement robust privacy policies and protocols to safeguard student data and ensure transparency in AI algorithms used for educational purposes.

By embracing AI in the classroom, you can harness its potential to create personalized and engaging learning experiences for your students. With careful consideration of the pros and cons, along with the implementation of effective strategies, you can integrate AI seamlessly into your teaching practice and empower students to thrive in the digital age.

Visit Our Website Here!

And here's what we learned:

The response to the left was generated when we asked Magic School Al to create the following: A college level essay for a newsletter, 2 paragraphs with the most important things to know about using AI in the classroom. Include pros and cons of AI in the classroom, how teachers can get started, and write it for teachers in religious and independent schools in New York State. On page 2 of this newsletter we unpack what we learned from using AI as a "thinking partner." Check out some of the lessons learned, including the pros and cons from this experience using Artificial Intelligence.



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4 LESSONS LEARNED FROM OUR COLLABORATION WITH A

Here's what we learned and what it could mean for helping your students use AI responsibly:

1. IT'S NOT A 'ONE AND DONE'

While the information is generally helpful, the paragraph doesn't meet our criteria in a few different ways. It's much longer than 2 paragraphs and there is nothing that makes it specific to religious and independent schools or New York State. There are no citations so we can't know how AI determined the 'most important things to know' about AI. For students using AI this is an important lesson: **AI requires fact-checking and editing.**

Students using AI need to **be able to critique** AI-generated responses against teachergenerated rubrics and assignment guidelines and their own common sense. **Students need to fact-check:** How do they know that what AI has told them is true or represents factual or consensus thinking on any particular topic?

3. IT MAY BE BIASED

We asked AI to tell us the pros and cons of AI. It did give us a few cons. They're mostly warnings to the humans using it (*Be sure not to let it replace relationships*! *Create privacy policies*!). There is emerging research to suggest that <u>"artificial intelligence inherits</u> <u>biases from humans</u>" so anyone using AI needs to be mindful that technology isn't neutral. **Teachers will need to learn how to raise their own awareness of biases in AI generated content and in turn teach their students to do so.**

2. IT LACKS PERSONALITY

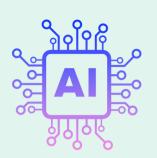
We appreciate that Magic School made our work much easier - it generated the first column of our newsletter in well under a minute-but we feel that it's a little bit generic and doesn't make a strong or tailored connection to the teachers and leaders with whom we work. This could very well be related to how we input the criteria. It reminds us that it's important for students to understand that while generative AI can produce substantial and acceptable content based on their input, the output is based on algorithms that are likely to make it somewhat bland and lacking individuality. Encourage students to read and revise with attention to their

own personality and voice.

4. INPUT MATTERS

In our response and our critique above we were looking for things that were really outside of what we asked AI to generate. There were no examples-but we didn't ask for them; there was nothing about how to get started with AI-but we only allowed for 2 paragraphs. Maybe our criteria was unrealistic. Maybe it should have been more specific. Magic School, like most generative AI, allows users to revise their criteria and request 'rewrites.' It's a skill for students to

be able to **input relevant criteria or parameters for AI generated content** and to know when to go back and revise it to ensure they get the most accurate product that is aligned with the desired outcome.



Interested In Joining A Hands-On Session to Explore Al With Us? February 29, 2024







Thursday, January 18 | 4pm - 5pm

Strategies to Support Student Learning Gaps Session 1: The Move to Multi-Age: Logistics and More

Tuesday, January 23 | 4pm - 5pm

Integrated Curriculum Session 1: Making Connections: Enhancing Program Function with Integrated Curriculum

Wednesday, January 24 | 4pm - 5pm

Elevating Conversations to Drive Instruction Session 1: Observation & Assessment Data with Danielson

Wednesday, January 31 | 4pm - 5pm

Supporting Struggling Readers Session 2: Creating Engaged Science-Based Reading Lessons (Grades K-2)





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So you have data, how do you use it easily?

<u>Click here for a simple 3-question survey</u> to help us plan PD that aligned with your needs about using data.

Did you miss the RISE 2023 Conference? The keynote speaker spoke about the topic of AI in Schools! Click below to listen.



Check out our Spring PD webpage!





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CHECK OUT THE RISE EXTENSION SERIES

Beginning January 2024

RISE Extension Series sessions recap and build upon the knowledge shared by our stellar presenters at the RISE conference held in November to help you deepen your understanding and turn ideas into practice.



Visit Our Website Here!

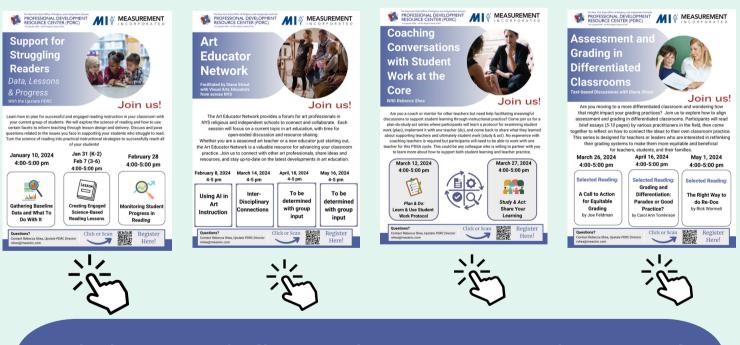


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SPRING 2024 PROFESSIONAL DEVELOPMENT SERIES

In addition to the RISE extension series, check out our courses on **Supporting Struggling Readers**, **Art Education, Coaching, and Assessment in Differentiated Classrooms**



Click on each flyer to learn more and register!

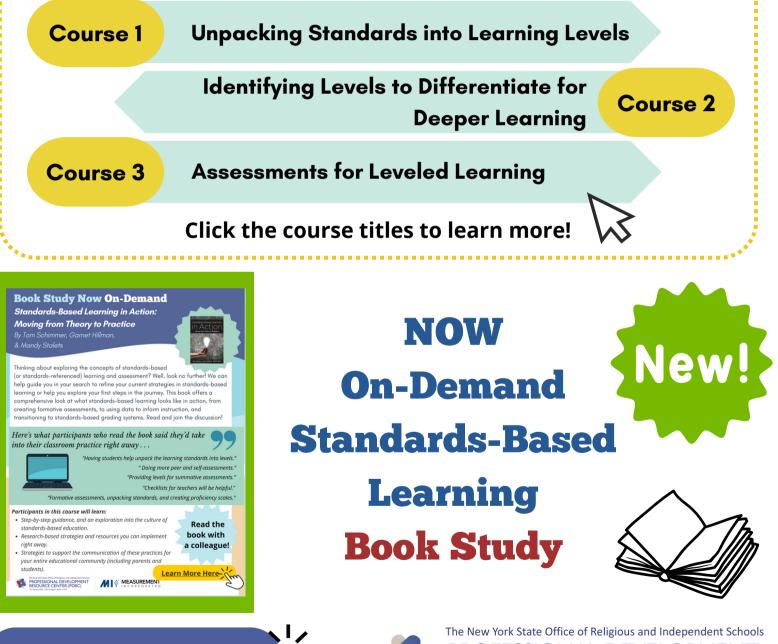
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Standards-Based Learning 3-Part Series: Now On-Demand!

Standards-Based Learning provides transparency to your students, their families, and your administration in order to communicate clearly what students have learned and need to practice. In this series, participants will consider how to implement standards-based learning through the lens of a secondary math-content teacher; however, the concept of leveled learning is applicable to teachers in all content areas and grades.



Visit Our Website Here!



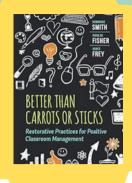
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Book Study On-Demand Better Than Carrots or Sticks

By Smith, Fisher, and Frey

Log in to learn ways to **proactively manage misbehavior** and establish a classroom climate focused on **collective respect** and **student achievement**!





Here's what participants are saying...

"This is one of the most comprehensive intros to Restorative Justice/Restorative Practices for classroom teachers I have seen so far."

"This book study helped me better understand how to create a positive environment for my kids."

"My students will greatly benefit from learning, understanding, and utilizing topics that have been covered in this book study. Covid has greatly affected how they communicate, listen, treat others, etc. For many of my current students these are skills that haven't been fully developed in the school setting."

This groundbreaking book by Smith, Fisher, and Frey provides

practical strategies for:

- Building relationships with students,
- Implementing restorative practices, and
- Creating healthy classroom environments that improve learning outcomes.

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Read with a colleague or a small group of teachers!

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Click HERE to Access This NEW Book Study Course!



COMING PD Series On-Demand Small Group Instruction Series

When implemented well, small group instruction enhances individual development, equity in instruction, academic and socialemotional growth, while increasing retention and building community.

This series helps teachers learn strategies for making small group instruction an integral and efficient part of their instructional practice.



Here's what participants are saying...

"This course gave me new ideas on how to engage my students."

"I'll be able to do more with them (my students) now that I can put them in groups with intention."

"[These strategies] empower kids to take ownership over their learning, collaborate with each other, and they will get better and more specific feedback from me."

This series includes the following courses:

- Flexible Grouping Strategies
- Peer-to-Peer Collaborative Learning
- Station Teaching and Learning Centers

*Although the content of each course is connected, each session can be taken separately. Take one, two, or all three--on your time, on your terms!

Learn More About Our On-Demand Courses Here





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WINTER/SPRING 2024 PD AT-A-GLANCE

Supporting Struggling Readers: Data, Lessons, and Progress

Wednesday, January 10| 4pm - 5pm Gathering Baseline Data and What To Do With It

Wednesday, January 31 | 4pm - 5pm Creating Engaged Science-Based Reading Lessons (Grades K-2)

Wednesday, February 7 | 4pm - 5pm Creating Engaged Science-Based Reading Lessons (Grades 3-6)

Wednesday, February 28 | 4pm - 5pm Monitoring Student Progress in Reading

Integrated Curriculum: Leverage Teacher Collaboration & Solve Common Challenges

Tuesday, January 23 | 4pm - 5pm Making Connections: Enhancing Program Function with Integrated Curriculum

Tuesday, February 6 | 4pm - 5pm Practical Implementation at Work: Nuts and Bolts of Moving to an Integrated Curriculum

Tuesday, February 27 | 4pm - 5pm Checking In: Assessing What You Tried and Next Steps

Elevating Conversations to Drive Instruction

Wednesday, January 24 | 4pm - 5pm Observation & Assessment Data with Danielson

Tuesday, February 13 | 4pm - 5pm Next Steps: Digging into Implementation

Tuesday, March 5 | 4pm - 5pm Principal Panel: Success Stories and Overcoming Challenges

> Click <u>HERE</u> or scan to learn more and register!

Strategies to Support Student Learning Gaps: Multi-Age Classes and Creative Scheduling

Thursday, January 18 | 4pm - 5pm The Move to Multi-Age: Logistics and More

Wednesday, March 6 | 4pm - 5pm Multi-Age Classrooms: Why? and Benefits and Challenges Behind this Model

Tuesday, March 13 | 4pm - 5pm Multi-Age Classrooms: Preplanning and Taking the First Steps

Tuesday, March 20 | 4pm - 5pm Multi-Age Classrooms: In Practice and Delivery

Assessment and Grading in Differentiated Classrooms: Text-Based Discussions

Tuesday, March 26 | 4pm - 5pm A Call to Action for Equitable Grading by Joe Feldman

Tuesday, April 16 | 4pm - 5pm Grading and Differentiation: Paradox or Good Practice? by Carol Ann Tomlinson

Wednesday, May 1 | 4pm - 5pm The Right Way to do Re-Dos by Rick Wormeli

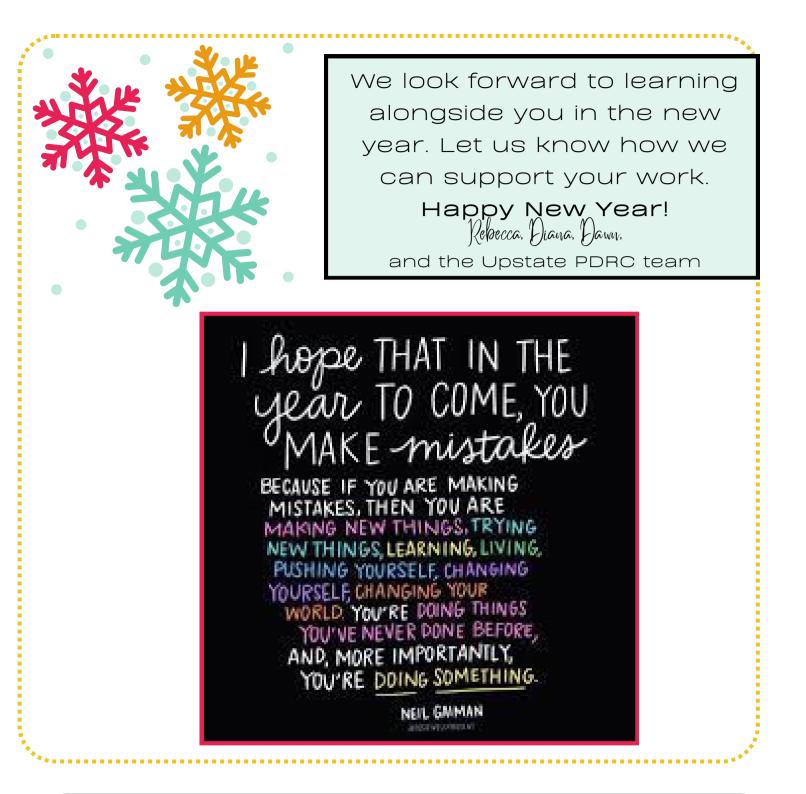
Coaching Conversations with Student Work at the Core

Monday, March 12 | 4pm - 5pm Plan & Do: Learn & Use Student Work Protocol

> Wednesday, March 27 | 4pm - 5pm Study & Act: Share Your Learning

Exploring AI Tools Teacher Workshop Thursday, February 29 | 4pm - 5pm





Our goal is to provide valuable and accessible learning opportunities for teachers and leaders in NYS religious and independent schools, at all stages of their careers. Reach out to Rebecca Shea at rshea@measinc.com to let us know how we can support your professional needs.



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