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**EDLD 5317
Publication Outline**

Title/ Topic

Enhancing Elementary Math Instruction Through IXL in a Station Rotation Blended Learning Model

What is the topic of your article?

The topic will be IXL's role in a Station Rotation Blended Learning Environment for Elementary Math Classroom. The station rotation model is a blended learning model where students cycle through different modalities, known as stations, in the classroom (Tucker, 2019). It combines teacher-led instruction stations, online learning stations, and other stations that promote collaboration and independent practice. The article will focus on how the educational online platform IXL can be used strategically and incorporated in various stations in a blended learning station rotation model in a Mathematics classroom for elementary school. The article will focus on how IXL can be used in the online station for independent practice and self-paced math instruction. It will also discuss how IXL can foster engagement by highlighting game-based activities and age-appropriate word problems and stories that can help students grasp math concepts more concretely. The article will also include how IXL can differentiate instruction to meet student's academic needs in a blended learning environment.

Where do you plan to submit (consider 2-3 options)

The Three publications to which I intend to submit the articles are the following:

1. [Edutopia](#)

How to propose an article

A few sentences describing your proposed article and a detailed outline or description (the finished article will be around 850–1,000 words)

Links to any multimedia you plan to include

A few words about the intended target audience for your article (e.g., high school math teachers, administrators, instructional coaches, etc.)

A roughly 80-word bio with details about your role in education, including your current job
Three to five links to other pieces (if any) you've written, particularly for academic publications

Full disclosure of any commercial interest in any products or services mentioned

Your X (formerly Twitter) handle, if you have one

2. [School Library Journal](#)

We welcome rigorous thinking, but the School Library Journal is not an academic publication. If you have written an academic paper or have completed an in-depth survey or study, you may send it to us for possible news coverage. Our feature articles rarely exceed 2,500

words; opinion pieces are generally 600-700 words; and the length of news articles varies depending on the topic covered.

- Articles/Columns/News
- Features/columns: Sarah Bayliss (sbayliss@mediasourceinc.com)
- News: Kara Yorio (kyorio@mediasourceinc.com) and Kathy Ishizuka (kishizuka@mediasourceinc.com)
- Technology, digital content, industry news: Kathy Ishizuka (kishizuka@mediasourceinc.com)
- Feedback:
slj@mediasourceinc.com

3. [Education Week](#)

Submit all essays, along with a short (1-2 sentence) bio and preferred phone number, to Opinion@educationweek.org. It is helpful if you indicate your topic in the subject line. Education Week does not typically pay for opinion essays.

We respectfully ask that you not submit to multiple news outlets simultaneously. Generally, we do not accept essays that have been published or accepted elsewhere.

We will contact you if the essay is a good fit for our publication. If you do not hear from us after two weeks, please consider your essay rejected. *(If you would like for your submission to be still considered, refer to the instructions in the submission acknowledgement email.)*

What we want:

- *Know your audience:* Submissions should be relevant to a national audience interested in pre-K-12 education news. You're addressing teachers, policymakers, school administrators, researchers, advocates, and the broader education community—or some combination of them. Make it clear whom you're writing for.
- *Get to the point:* Keep your writing clear and concise; essays longer than 1,000 words will not be considered. (Your piece also shouldn't be too short. Do not submit essays under 600 words. [Consider writing a letter to the editor instead.](#))
- *Have a point of view:* We're not just looking for you to lay out general arguments for and against any given issue; instead, bring your own distinct perspective to the subject. Tell us how you really feel, but make sure you can back up any factual claims.
- *Be solution-oriented or practical:* Try to move beyond just diagnosing a problem. Classroom best practices, thoughtful policy recommendations, personal reflections on classroom experiences, productive commentary on the news, and compelling calls to action are all more useful to our readers.

What is the connection to your innovation plan or initiative?

I am enrolled in the Masters of Educational Technology Leadership program and do not have an Innovation plan. My Instructional Practicum focused on accessibility and differentiation, and my Professional Learning topic was Blended Learning and Differentiation. The article will focus on the

role of IXL and how teachers can use it for the blended learning Station Rotation Model and simultaneously use it as a differentiating tool to ensure all students have access to the lesson. By writing this article, Blended Learning will be used as a roadmap for elementary math teachers to blend technology inside their classroom. IXL will power the online station, considering the activity should be differentiated based on the student's academic performance.

Who is this article for? (Audience)

This article is intended for elementary school teachers teaching mathematics and implementing a blended station rotation model. I believe some teachers are looking for educational platforms to keep students engaged during station activities while at the same time closing the academic gaps of the students. It is also for administrators and instructional staff who are part of the decision committee on which educational platform to purchase for their schools and districts.

How can this information help others?

This article will present information about how IXL can be utilized using the station rotation model in a blended classroom. It will focus on math classes at the elementary level and help teachers effectively utilize IXL in their blended classroom across all the components of the station rotation model, including online stations, teacher-led stations, and collaborative activities. The article will offer strategies to help teachers personalize instruction for diverse learners and some classroom management tips to implement the station rotation model in their classrooms smoothly.

Lessons learned or hoped to learn?

By researching and writing this article, I want to know firsthand the experiences of elementary teachers who have successfully implemented IXL within a station rotation blended model. I also want to learn what structure they used to implement the station rotation model, including the routines and procedures and, if any, additional resources they have used. I would also like to learn how other teachers have used IXL in their respective classrooms for math activities and lessons, including how they used it to differentiate instruction. I would also like to understand how other teachers who taught math aligned IXL assignments, activities, and data reports to specific math standards or TEKS and curriculum goals.

What digital resources will be included in your article? Briefly describe.

The article will focus on the role of IXL in the station rotation model. The main digital resource that the article will include is the IXL program. IXL is a tool that teachers can use to help students succeed using a comprehensive curriculum, personalized instructional resources, and a state-of-the-art assessment suite. IXL can be accessed using single sign-on (OSS) tools such as Google, Clever, and Classlink, learning management systems (LMS) such as Google Classroom and Canvas, and QR code direct sign-in. IXL also incorporates other digital programs in its platform, such as ABCYa.

Brief Conclusion for the article.

Technology has greatly influenced students' academic success in this digital age. When implemented correctly, the blended learning station rotation model has been proven by research to be effective for engaging students and helping close academic gaps. When teachers incorporate IXL in their respective station rotation classrooms, they can create a student-centered learning environment. IXL can adapt to the student's current academic level and personalize the activities

and tasks based on the student's needs. It can also be used with classroom manipulatives to enhance teacher-led instructions. IXL also offers educational games that can increase student engagement.

References

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