



technology & integration

VOLUME 2 | JAN 2018

IN THIS ISSUE

Desmos
GoNoodle
Sumdog

SEESAW

Empowering students
and engaging families



BATTELL ELEMENTARY SCHOOL

715 E Broadway St
Mishawaka, IN 46544

BEIGER ELEMENTARY SCHOOL

1600 E Third St
Mishawaka, IN 46544

EMMONS ELEMENTARY SCHOOL

1306 S Main St
Mishawaka, IN 46544

HUMS ELEMENTARY SCHOOL

3208 Harrison Rd
Mishawaka, IN 46544

LASALLE ELEMENTARY SCHOOL

1511 Milburn Blvd
Mishawaka, IN 46544

LIBERTY ELEMENTARY SCHOOL

600 E Pregel Dr
Mishawaka, IN 46545

TWIN BRANCH ELEMENTARY SCHOOL

3810 Lincolnway East
Mishawaka, IN 46544

JOHN YOUNG MIDDLE SCHOOL

1801 N Main St
Mishawaka, IN 46545

MISHAWAKA HIGH SCHOOL

1202 Lincolnway East
Mishawaka, IN 46544

YOUNG ADULT SERVICES

904 N Main St
Mishawaka, IN 46545

ADMINISTRATION CENTER

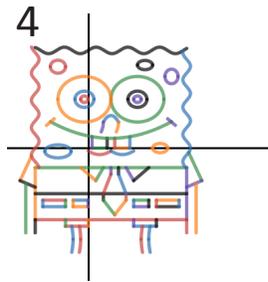
1402 S Main St
Mishawaka, IN 46544

Questions or comments regarding Technology & Integration Magazine can be directed to Caity Stockstell at stockstellc@mishawaka.k12.in.us

COVER PHOTO

Courtesy of Seesaw
<https://web.seesaw.me>

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Welcome to our second edition of Technology & Integration for Mishawaka Schools! This quarterly magazine will share stories taking place in your neighborhood schools that are changing the world of education through the use of technology. Each edition will include a special message from a Mishawaka Schools' employee, partner, or guest author.

Caity Stockstell
Curriculum Integration Specialist
School City of Mishawaka

stockstellc@mishawaka.k12.in.us

@iStockTeach

The Heart of Technology Integration

As the director of Student Learning and Innovation I have the pleasure of working with both students and staff in Mishawaka Schools. School City of Mishawaka is focused on curriculum, instruction, assessment, the ability to be innovative, and increasing our capacity for ongoing growth and improvement. One of the opportunities for improvement and growth is the focus on effective technology integration.

Teaching and learning is at the heart of technology integration in Mishawaka Schools. Technology should never drive the instructional decision making process, rather it is used in support and enhancement of teaching and learning. As we have embarked on the journey of technology integration this year we have found this principle to be true.

The integration of technology has magnified the innovation and

creativity of our teaching staff, providing amazing educational opportunities to our students, as well as enhance our students' abilities to be critical thinkers as they embrace new learning challenges with inquiry and grit. Technology has amplified the strong collaboration and communication of our staff to stay student and growth focused in our newly implemented Professional Learning Communities (PLCs). Our staff and students embrace and exhibit a growth mindset, as we all continually challenge ourselves and each other to keep learning, growing, and improving.

It is my hope through these stories and images you see the dedication, passion, and boundless opportunities our students and staff experience on a daily basis.

Sarah Hickle
Director of Student Learning & Innovation
School City of Mishawaka

 hickles@mishawaka.k12.in.us

 @SJHickle



This year, our school corporation is using Clever as an easy way for your child to access all the learning applications they use at school. They can access all resources they use at school in one location, using a single username and password. We would love for you to help us increase education engagement at home by helping your child access their online learning applications. Questions? Visit support.clever.com

HOW CAN I HELP MY CHILD LOG IN?

Step **1** Go to our district portal: <https://clever.com/in/scm>



Step **2** Log in using one of these options:

OPTION 1 Log in with Google



Email:
stu.lastnamefirstinitial@mishawaka.k12.in.us

Password:
Your Google Password

Example:
Student: Caity Stockstell
Email: stu.stockstell@mishawaka.k12.in.us
Password: Password1234

OPTION 2 Log in with Clever



Username:
Student ID Number

Password:
Birthday (month/day/year)

Example:
Username: 12345678
Password: 01/02/2017

OPTION 3 Clever Badge Log In

Step 1:
Get your Clever Badge (QR Code) from your teacher.

Step 2:
Click Clever Badge Log in.

Step 3:
Hold Badge up to camera lining it up with the square.



Desmos

MATT RENDALL

8th Grade Mathematics Teacher

PLC Teacher Leader

JYMS Team Leader

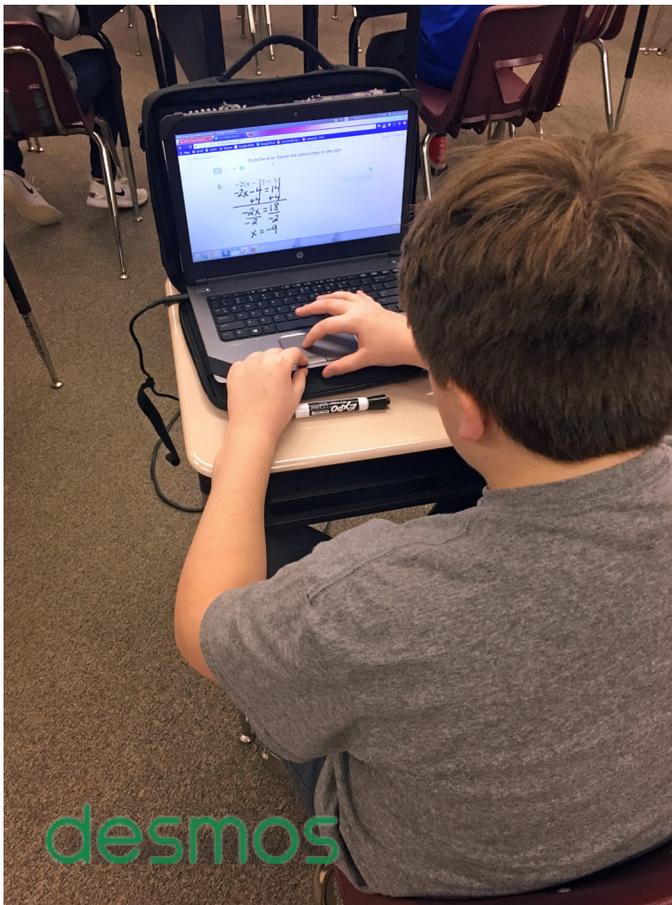
Partner-in-Tech

John Young Middle School

Desmos provides students with technology-enhanced opportunities to practice skills and challenge their understanding of math topics. Students have to solve problems, correct errors, match correct answers with solutions, and much more using an easy-to-use platform. Students are engaged in the work on Desmos due to the immediate feedback they receive.

Works cited

<https://www.desmos.com/>



Skype™ in the Classroom

KEITH KINDER

English Teacher

Mishawaka High School

Skype in the Classroom is an online community that enables thousands of teachers to inspire the next generation of global citizens through transformative learning over Skype.



Mr. Keith Kinder at the high school used Skype to give his freshmen students the opportunity to interview the author of their literature study, Mr. Eric Kimmel. After reading *In the Mouth of the Wolf*, students formed questions to ask the author. By using Skype in the Classroom, the students were able to ask their questions live. It was a learning experience they will never forget!



Works Cited

Skype in the Classroom - Overview - Microsoft in Education. (2017). Retrieved December 17, 2017, from <https://education.microsoft.com/skype-in-the-classroom/overview>

GoNoodle

ELIZABETH CAMPBELL

Kindergarten Teacher

Twin Branch Elementary School

GoNoodle makes movement and mindfulness an integral part of the day, at school and at home. School is better with GoNoodle. It improves behavior and attention, betters academic performance, and strengthens classroom cohesion. It can also be used at home. Home is better with GoNoodle. Turns screen time into active time, creates great family fun, and makes your home healthier.

Mrs. Elizabeth Campbell uses GoNoodle with her kindergarten class at Twin Branch Elementary School to not only take brain breaks, but to learn academic concepts. For example, they learn to compare numbers with movement and song. Best part, her students love it! What her students are saying about GoNoodle:



“That was easy! And fun!”

Mason, Kindergarten Twin Branch Elementary

“It is wonderful! I love when they sing!”

Addison, Kindergarten Twin Branch Elementary

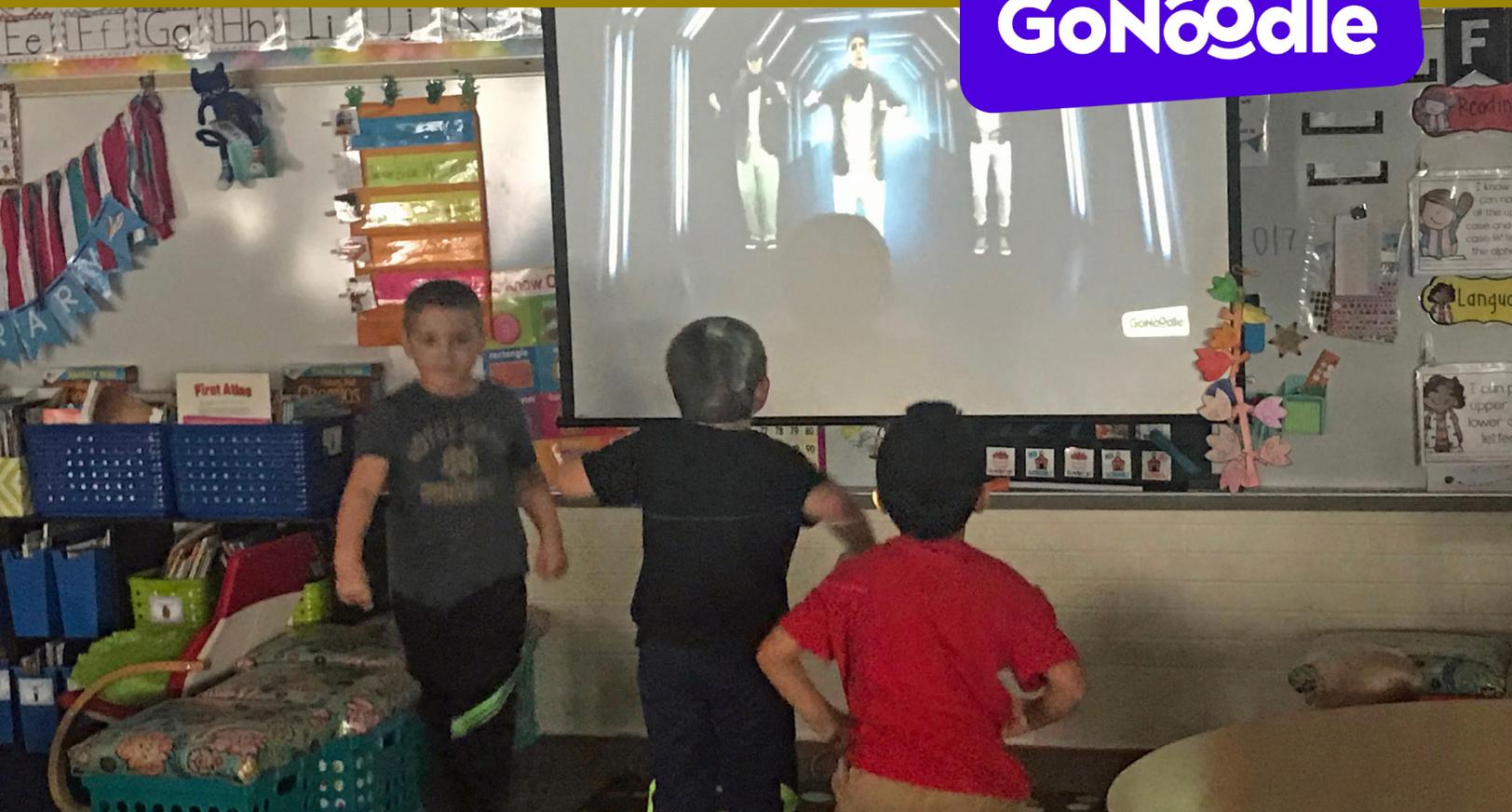
Works Cited

GoNoodle | Movement and Mindfulness for the Classroom | Main. (2017).

Retrieved December 17, 2017, from <https://www.gonoodle.com/>

Photo above courtesy of GoNoodle.

GoNoodle





Sumdog

LAURA SOUSLEY

5th Grade Teacher

Hums Elementary School

Intelligent learning...made fun. Sumdog is used in thousands of schools worldwide. The games motivate children to work on math, reading and writing. As children play, they answer questions. Sumdog personalizes the questions for each one and tracks their progress through the school standards. Sumdog has been developed with the help of teachers and educational experts around the world. To develop Sumdog's pedagogy, they work continually with educationalists across the country. Effectiveness studies and case studies, together with regular focus groups and questionnaires, guide Sumdog pedagogy. In addition, consultation from independent experts and data analysis help refine their educational algorithms and user experience.

Mishawaka Schools will be one of the first school districts in the United States to integrate Sumdog and Clever. Clever is our place online that our students can access educational apps. (See page 3 for more information on Clever.) On December 13, 2017, Sumdog trained Mishawaka teachers through an international video conference.

Mrs. Sousley engages her students by using Sumdog. Sumdog provides instant feedback to her students and

plays tutorials when students are struggling to learn a concept. Her students can't get enough of Sumdog!

Student reactions after the first time playing:

"This is awesome!"

Veronica, 5th Grade Hums Elementary

"I don't want to stop!"

Connor, 5th Grade Hums Elementary

"Can we do this everyday?"

Gage, 5th Grade Hums Elementary

Works Cited

Sumdog Teacher Portal - parent. (2017).

Retrieved December 17, 2017, from <http://www.sumdog.com/en/parent/>



Google Expeditions

Bring Your Lessons To Life

RYAN MITCHELL

4th Grade Teacher

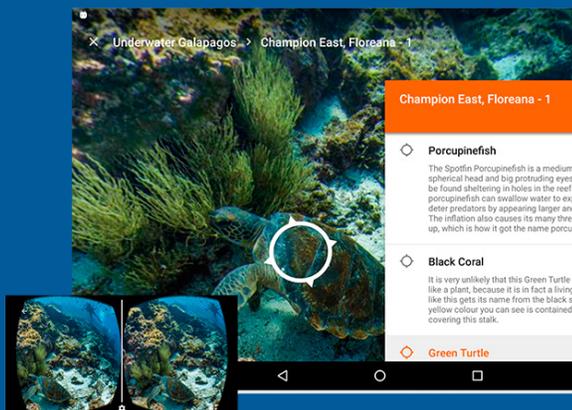
PLC Team Leader

Partner-in-Tech

Hums Elementary School

Bring Your Lessons To Life! Imagine exploring coral reefs or the surface of Mars in an afternoon. With Expeditions, teachers can take students on immersive, virtual journeys.

In order to give my students opportunities to apply their new knowledge after our animal adaptations unit, we took a trip to the Galapagos Islands to observe the animal species that live in the waters surrounding the islands, where my students inferred how the structures of sea lions and angelfish help them to survive. We traveled to the Serengeti to observe wildebeest migration and to Northern Canada to witness polar bear behaviors. After Skyping with a class in Southern France, my students wanted to go there to see the area for themselves, so we went to Nice, France to see what the geography and culture is like in that part of the world. All of these activities were done using Google Expeditions, which allows students to be transported to locations around the world (and the universe) using virtual reality via 3D photos.



FOLLOW MR. MITCHELL'S CLASS

 @hums134

Works Cited

*Google Expeditions. (2017). Retrieved December 17, 2017, from <https://edu.google.com/expeditions/#header>
Photo to left courtesy of Google Expeditions*



Google Classroom

KATRINA MASTERSON

Practical Skills Teacher

Drama Club Director

Glee Club Director

John Young Middle School

Google Classroom is a Google app that lets educators create classes, distribute assignments, send feedback, and see everything in one place. Classroom makes it easy for learners and instructors to connect inside and outside of schools.

Teachers and students at John Young Middle School (JYMS) are using Google Classroom daily in innovative ways that enhance learning experiences.

Ms. Katrina Masterson and her students in Practical Skills class at JYMS created Google Classroom learning sessions for the Mishawaka Community. Over multiple sessions on three different days, students facilitated learning workshops to over 50 community members.

Student leaders taught about Google Classroom, showcased their current learning experiences, and shared how they are connecting to their teachers and classmates.

“My students were able to utilize the skills they developed in my class to help the public learn about Google Classroom,” stated Ms. Masterson. “As I observed the students assisting the adults who came in, I noticed the level of patience they had to possess in order to help teach a new content. Several students shared with me, after the experience, that now

they understand why teachers get frustrated when students don’t always pay attention the first time, when something new is being implemented in the classroom. I was impressed with the level of professionalism my students were able to maintain, and the positive feedback from the public made me very proud of the JYMS students.”

“Adults don’t want to hear it from other adults anymore. They want to hear it from the people who are using the technologies.”

Anthony, 8th Grade John Young Middle School

“I believe that the most beneficial factor for the public was the organization factors of Google Classroom, and the fact that students were teaching them not other adults and some even had their own kids teach them about Google Classroom. I also feel like a lot of the public didn’t know a lot about it. So I feel like they used a lot of the information that we told them.”

Dylan, 8th Grade John Young Middle School



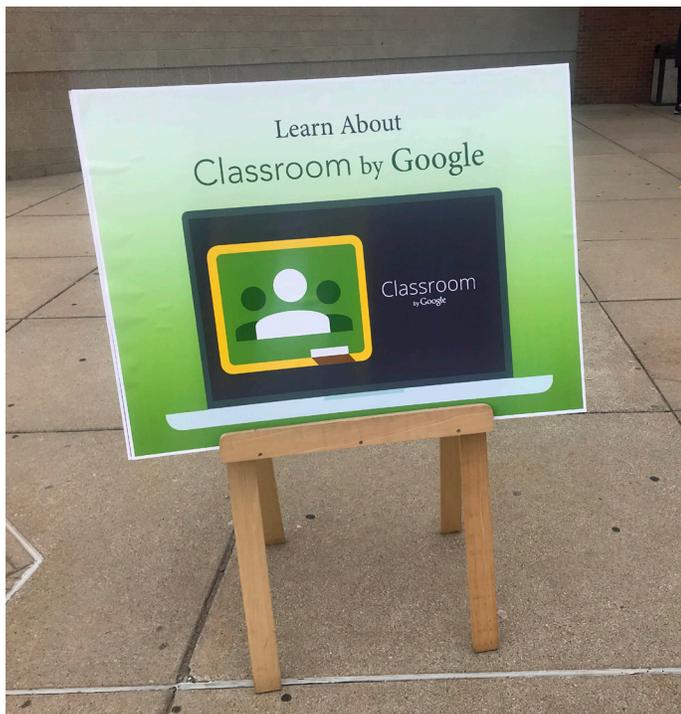
Classroom

“Helping others brings joy to me and if you are like me that likes using laptops and you want to use them for school, talk to them and ask them to talk to Ms. Masterson. Hopefully we will get another day to teach them and to show them Google Classroom and letting your students have their own laptop is a good thing. They get their homework done faster and won’t lose it and can always look back on it in high school.”

Isabella, 8th Grade John Young Middle School

“Doing this has given me the experience that has changed the way I’ve used Google Classroom by showing me that there were things even I didn’t know. It was even more spectacular that I could teach others about it too.”

Adriana, 8th Grade John Young Middle School



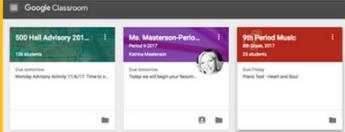
Works Cited
 About Classroom - Classroom Help. (2017). Retrieved December 5, 2017, from <https://support.google.com/edu/classroom/answer/6020279?hl=en>

GOOGLE CLASSROOM GUIDE



[HTTPS://CLASSROOM.GOOGLE.COM](https://classroom.google.com)

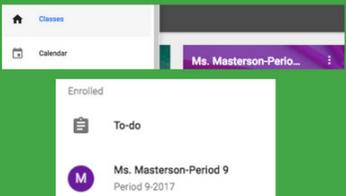
HOME SCREEN



Shows Google Classrooms student is currently enrolled in. Also, can see upcoming assignments & due dates.

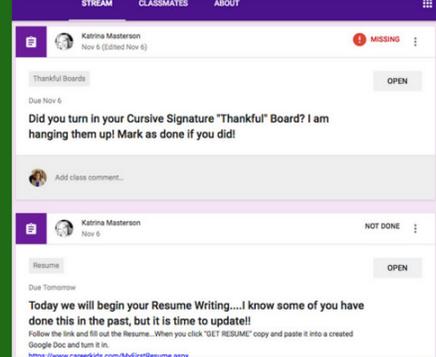
TOOL BAR

CLICK ON 3 HORIZONTAL LINES TO SHOW:



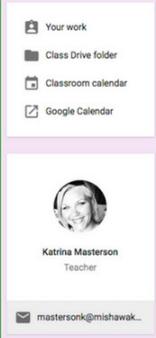
Tool bar shows calendar for ALL classes, To-do list for ALL classes, and each class.

STREAM



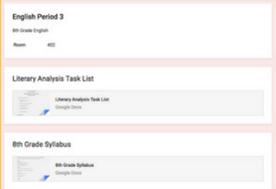
Shows assignments, questions, or announcements posted by the teacher(s). Posts can include topic, directions, & due dates. Click on OPEN to see more details of an assignment.

ABOUT



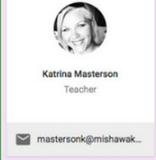
Side bar shows icons that lead to all of student work & calendar for class. Click on envelope icon to email teacher.

ABOUT



About section contains important class materials. Each class will have different information or ways to use this section.

ABOUT



Side bar shows icons that lead to all of student work & calendar for class. Click on envelope icon to email teacher.

DAILY SUMMARY

As a parent/guardian, emails can be sent daily or weekly with updates.

Best way to stay up to date is to sit with your student & have him/her show you.

DAILY SUMMARY

Google Classroom
 Daily summary for Oct 30, 2017

Class activity

8th Period English Oct - 2017
 Assignment — due Oct 31
#005 Final Test: So Far from the Bamboo Grove
 open this and #005A for Quiz Questions complete, preview score, MARK AS DONE
 Posted Oct 29

Announcement
 #005A Final Test Questions: So Far from the Bamboo Grove
 Posted Oct 29

Flipgrid®

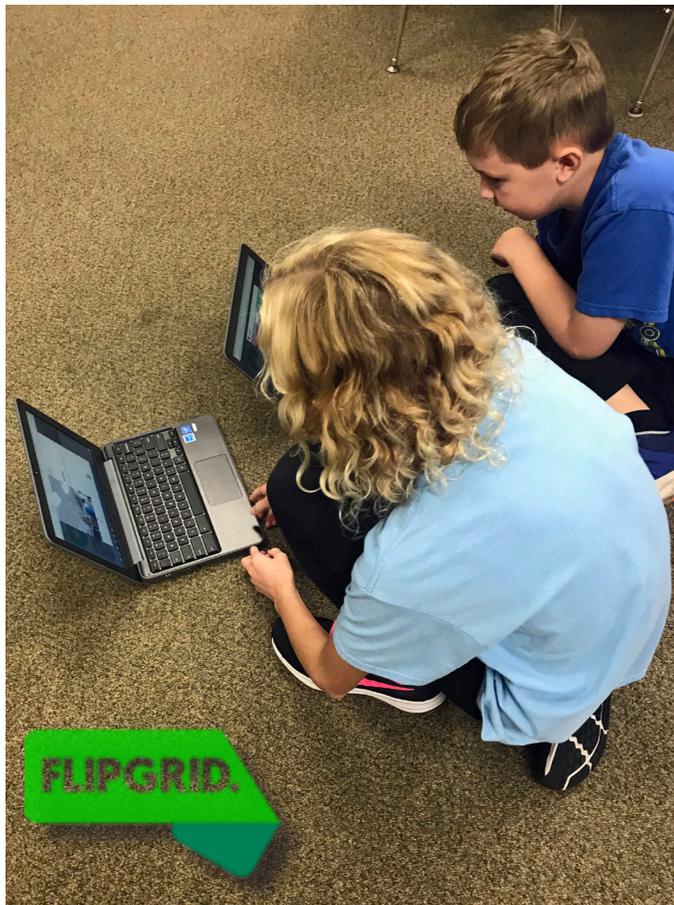
SANDU HARRELL

2nd Grade Teacher

Twin Branch Elementary School

Flipgrid is the leading video discussion platform used by millions of Pre-K to Ph.D. educators, students, families, and organizations in more than 150 countries. Create a grid (that’s your classroom or group), add topics to spark the discussion, and your community builds a dialogue as they share short video responses. Super simple. Super powerful. Endless uses.

Students in Mrs. Sandu Harrell’s class extended their learning about the worldwide movement to Erase Meanness with Flipgrid. Erase Meanness is a worldwide movement started by Director of Technology at Mishawaka Schools, Eric Johnson. Help erase meanness and engage with Mishawaka students @ <https://flipgrid.com/95d6f0>



STEM vs. STEAM
Sep 7

Share your thoughts on the future value of STEM versus STEAM in your classroom and education. Your ideas may shape the world one day!

52 videos

Math Hr 5 introductions!
Aug 10

Welcome! Please **introduce yourself** to the class and share your favorite math moment from the summer.

Math Moments Notebook
Microsoft OneNote

39 videos

BOOKS

Your book talk!
Nov 8

What is your favorite book from the last month? **Share a 90-second booktalk** with the class and inspire your classmates to read your book. Let’s share the love of reading together!

27 videos

Exploring our Solar System
Aug 13

Explore the the Solar System diagram above and read the NASA PDF below. Which planet would you like to explore? Why?

NASA Solar System diagram
PDF

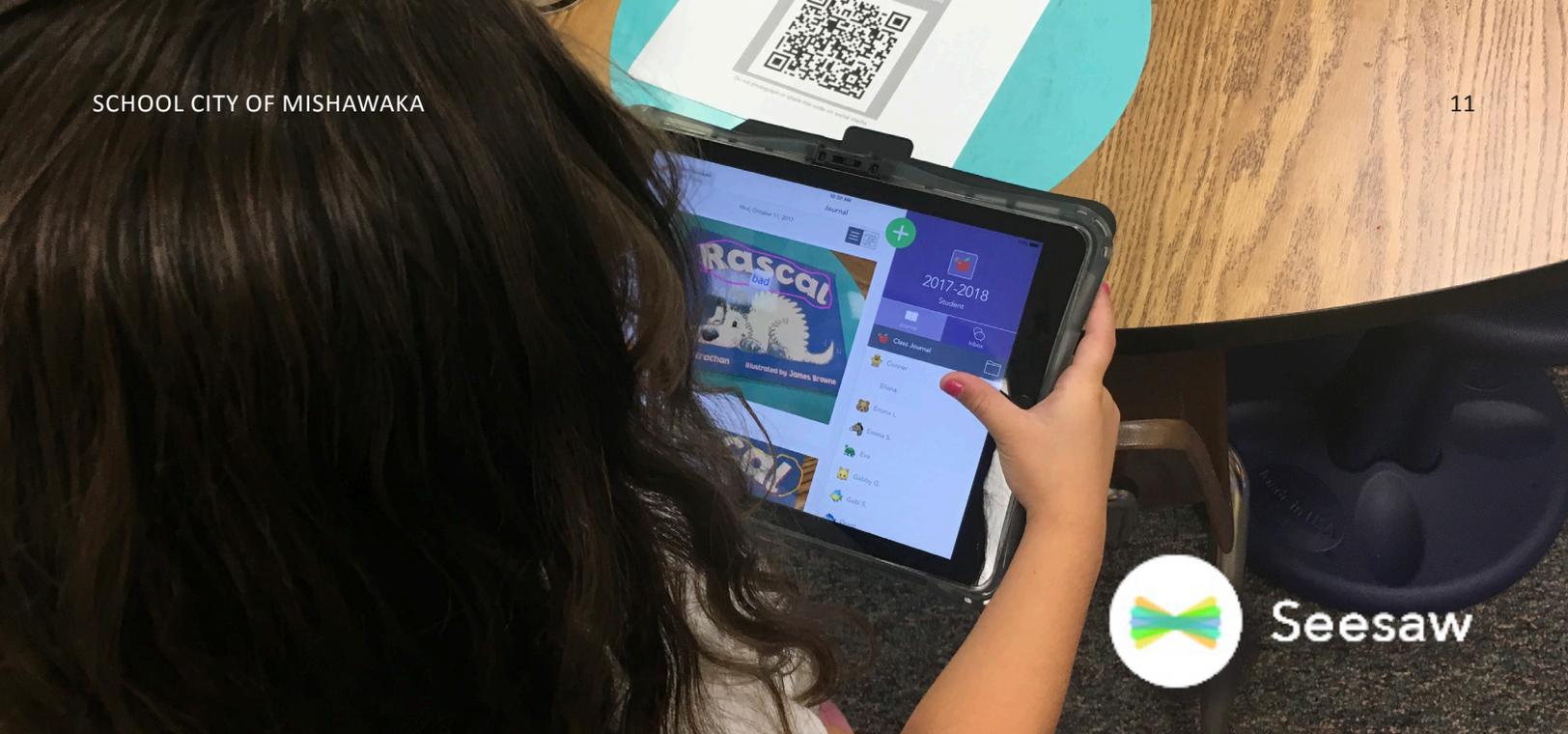
41 videos

“It is cool. Very cool. It’s especially good for people that are shy. Kids can do a video privately on Flipgrid and share to their teacher. The teacher can share the video with more people. Watching other people’s Flipgrid videos inspired me to add things to my Flipgrid. Gives me good ideas for plays too. I write my own plays and used ideas from Flipgrid.”

*Elisabeth and Reagan,
2nd Grade Twin Branch Elementary School*

Works Cited

Flipgrid - Video for student engagement and formative assessment. (2017). Retrieved December 6, 2017, from <https://info.flipgrid.com/> Grid images above courtesy of Flipgrid



Seesaw

ANNEKE van WYNGAARDEN

1st Grade Teacher

Hums Elementary School

SHELLEY SPARROW

2nd Grade Teacher

Twin Branch Elementary School

Seesaw empowers students to independently document their learning with built-in creative tools and provides an authentic audience for their work. Seesaw gives families an immediate and personalized window into their child's school day and makes communication with teachers seamless. Seesaw saves time on organization and parent communication, makes formative assessment easy, and provides a safe place to teach 21st Century skills.

Ms. Anneke van Wyngaarden uses Seesaw with her first grade class; "I use Seesaw during my guided reading groups to differentiate instruction between ability groups. For my lower groups, I will have students take a picture of a page out of our story and circle things like sight words, letter blends, vowel patterns. For my more advanced groups, I do more of a

response to the story. I have had them film themselves talking about the story as they flip through and talk about the main character or sequencing. I have had them take a picture of a page and circle where different story elements are and write a response. I also have used Seesaw app for our first grade intervention group. I have had students write their sight words and keep them in their portfolio so they can go back and check their mistakes. I have also used it for letter sounds, where they record themselves writing a letter and saying its sound."



Ms. Shelly Sparrow uses Seesaw in her second grade class; "We worked on expanded form and students struggled with this concept. Students took a picture of base ten blocks with the standard form number written on top of the blocks, using the SeeSaw app. Students could see the hundreds, tens, and ones blocks, making it easier to write their value in expanded form. After using SeeSaw and explaining

the number of blocks and how they correspond to the numbers added together in the expanded form number sentence, every single student passed that skill on the quiz that week! We use SeeSaw for math, reading, and STEM digital journals."

"It's fun, because you can take pictures and draw on them."

Taylor, 2nd Grade

Twin Branch Elementary School

"You don't have to use pencils. You can draw with your finger on your picture!"

Tristen, 2nd Grade

Twin Branch Elementary School

Works Cited

Seesaw. (2017). Retrieved December 17, 2017, from <https://web.seesaw.me/>
Phone images above courtesy of Seesaw



Common Sense is an independent nonprofit organization dedicated to helping kids thrive in a rapidly changing world.

Family Tip Sheets are designed for families with children in elementary school and information for those with children in middle and/or high school.

COMMON SENSE ON CYBERBULLYING

ELEMENTARY SCHOOL FAMILIES



MIDDLE/HIGH SCHOOL FAMILIES



BACK PHOTO

Courtesy of commonsense.org



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