

ATTACHMENT NO. X-D: Grades 3-8 Math Intervention Program

Potential motion: Move to approve the purchase of *Edgenuity MyPath*
(grades 3-6) for \$ 31,980.00.

Recommended action: Approve the motion.

The Administration recommends that the Board approve the purchase of *Edgenuity MyPath*. This resource will cost \$31,980.00 and will be used during the 2021-2022 school year as an intervention to support math learning loss in grades 3-8. This cost is for grades 3-6; middle school is not included because they have already purchased this resource.

Funding for this resource will come from ESSER funds.

High Impact Math Intervention 2021-2022 School Year

May 2021: CIA and BOE

Goal for 21-22 School Year

Implement an intervention program for math during the school day using a research-based skill building program.

- Cannot be used to replace grade-level instruction in math.

Grades 3-8

Program: Edgenuity MyPath

- Students are provided with a personalized learning path based on NWEA MAP data.

Placement

- Group 1:
 - MAP Percentile = 11th-24th
- Group 2:
 - MAP Percentile = 25th - 40th
 - Grades: 1-2 (Gr. 3-4); C or lower (Gr. 5-8)

Grades 3-8 (Continued)

Implementation:

- 125 minutes per week required
- Intervention provided outside of the math class / math block.
 - Grades 5-8: during exploratory class time
 - Grades 3-4: during morning meeting or during WIN (What I Need) time
- Two Intervention Windows per school year
 - August - December
 - January - May

Grades 3-8 (Continued)

Monitor & Review:

- Program Goal:
 - Complete 80%+ of learning path with 80%+ score
- NWEA Goal:
 - RIT Growth = more than projected growth goal
 - Conditional Growth Index = 0.5+
- Exit Criteria:
 - Increase to above 40th percentile in MAP

Grades 3-8 (Continued)

21-22 Edgenuity Program Cost: \$31,980.00

- Site License Cost: \$23,980
- NWEA MAP Integration Cost: \$2,000
- Professional Development Cost: \$6,000

*The Middle School is not included in these costs because they have already purchased the program.

Thank You

Please let me know if you have any questions.

Research Brief

Jessamine County Schools



NICHOLASVILLE, KENTUCKY

Struggling Students Show Significant Reading and Mathematics Gains Using Edgenuity

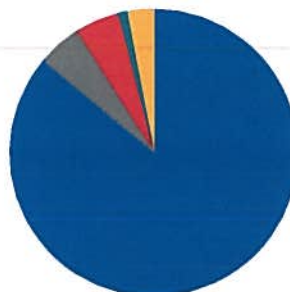
Evaluation Overview

Grades: 6–12

Model: Rotational Model

Measure: Northwest Evaluation Association™
Measures of Academic Progress® (NWEA™ MAP®)
Reading and Mathematics

District Demographics



■ Caucasian	86%
■ Hispanic	5%
■ African American	5%
■ Asian	1%
■ Other	3%
<hr/>	
Low Income	54%

District Overview

Located in central Kentucky, Jessamine County Schools (JCS) enrolls 8,000 students in one preschool and kindergarten, six elementary schools, two middle schools, two high schools, one career and technology center, and one alternative school. The majority of these students are Caucasian (86%), followed by African American (5%), Hispanic (5%), and Asian students (1%). Approximately 54% of all students are eligible for free or reduced-price lunch.

Implementation

During the 2013–2014 school year, JCS piloted Edgenuity MyPath™ with students who performed below grade level on the NWEA MAP Reading and Mathematics tests. Edgenuity MyPath is a supplemental reading and mathematics intervention program for middle and high school students. Four days a week, instructors taught English, math, science, and social studies face to face in a classroom. High school students who lacked foundational mathematics and reading skills used Edgenuity MyPath for 60 minutes a week in a computer lab during an intervention class period. Students also accessed Edgenuity MyPath courses at home. Middle school students identified for reading and math intervention used Edgenuity MyPath courses over two 50 minute class periods. While students used Edgenuity programs, teachers analyzed student data from the learning management system, monitored student progress, and set weekly expectations for progress.

Study Sample

This report focuses on JCS students who used Edgenuity MyPath courses during the 2013–2014 school year. The sample for this analysis comprises 1,214 students who took the fall 2013 and spring 2014 NWEA MAP Mathematics test and 1,114 students who took the fall 2013 and spring 2014 NWEA MAP Reading test.

Measures

Northwest Evaluation Association Measures of Academic Progress

The NWEA MAP Reading and Mathematics tests are Common Core-aligned, computer-adaptive assessments administered to students in grades 3–12. If a student answers correctly, the next question is more difficult; if a student answers incorrectly, the follow-up item is easier. Each NWEA MAP assessment uses the Rasch (RIT) unit, an equal interval scale score, to measure student growth and determine student mastery of various defined skills within disciplines. NWEA MAP Reading and Mathematics data were collected and analyzed for students who used Edgenuity courses during the 2013–2014 school year.

Results

After one year, students improved their reading comprehension and mathematics skills. As Table 1 shows, on the NWEA MAP Reading test, students in each grade demonstrated gains in their reading scores from fall 2013 to spring 2014, with the 6th, 7th, 8th, and 10th grade students achieving significant gains (5.5 points, 5.9 points, 5.5 points, and 1.7 points respectively). Students in the 7th grade made the greatest improvements, improving from a fall 2013 RIT score of 208.5 to a spring 2014 RIT score of 214.4.

In addition, results showed that across all grade levels, Edgenuity and MyPath students had significant improvements in their mathematics abilities (see Table 2).

Table 1: Jessamine County Schools Edgenuity MyPath Students, Grades 6–10 (N = 1,144)

Performance on the NWEA MAP Reading Assessment, Fall 2013 and Spring 2014

Grade	N	Fall RIT 2013	Spring RIT 2014	RIT Gain
6th	167	208.2	213.6	5.5*
7th	268	208.5	214.4	5.9*
8th	232	216.0	221.5	5.5*
9th	253	222.7	223.5	0.8
10th	224	223.8	225.5	1.7*

*Note: Dependent t-tests revealed gains were statistically significant at ($p \leq 0.05$).

Table 2: Jessamine County Schools Edgenuity MyPath Students, Grades 6–10 (N = 1,214)

Performance on the NWEA MAP Mathematics Assessment, Fall 2013 and Spring 2014

Grade	N	Fall RIT 2013	Spring RIT 2014	RIT Gain
6th	149	211.7	216.8	5.1*
7th	284	217.1	222.1	5.0*
8th	269	225.3	229.7	4.4*
9th	287	229.0	231.2	2.2*
10th	225	232.0	234.9	2.9*

*Note: Dependent t-tests revealed gains were statistically significant at ($p \leq 0.05$).

Conclusion

In conclusion, JCS students enrolled in the Edgenuity program had significant gains in reading and mathematics on the NWEA MAP assessments from fall 2013 to spring 2014. These findings provide preliminary evidence that Edgenuity MyPath can have a positive impact on the academic achievement of students who lack reading and math foundational skills.



Edgenuity Inc.
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Price Quote for Services
North Boone Community Unit Schl Dist 200
Poplar Grove IL
Account Number 18627
Quote Number 196726
Total \$31,980.00
Date 4/13/2021

Payment Schedule				Contract Start	Contract End	
				8/1/2021	7/31/2022	
Site	Description	Comment	End Date	Per Unit Cost	Qty	Cost
	MyPath K-5 NWEA MAP Integration Annual Subscription		07/31/2022	\$500.00	4	\$2,000.00
	MyPath K-5 Reading and Math Site License - Available Fall 2021		07/31/2022	\$5,995.00	4	\$23,980.00
	Professional Development Webinar Training		07/31/2022	\$750.00	8	\$6,000.00
1. CAPRON ELEMENTARY SCHOOL						
2. MANCHESTER ELEMENTARY SCHOOL						
3. North Boone Upper Elementary School						
4. POPLAR GROVE ELEMENTARY SCHOOL						
Subtotal						\$31,980.00
Total						\$31,980.00

Thank you for your business.

Edgenuity will audit enrollment count throughout the year. If more enrollments are found to be in use than purchased, Edgenuity will invoice the customer for the additional usage.

This quote is subject to Edgenuity Inc. Standard Terms and Conditions ("Terms and Conditions"). These Terms and Conditions are available at <http://www.edgenuity.com/edgenuity-standard-terms-and-conditions-of-sale.pdf>, may change without notice and are incorporated by this reference. By signing this quote or by submitting a purchase order or form purchasing document, Customer explicitly agrees to these Terms and Conditions resulting in a legally binding agreement. To the fullest extent permitted under applicable law, all pricing information contained in this quote is confidential, and may not be shared with third parties without Edgenuity's written consent.

North Boone Community Unit Schl Dist 200

Edgenuity Inc. Representative

Signature: _____

Lauren Robinowitz
Illinois Partnerships
TEL (877) 725-4257 (ext 1076)
EMAIL lauren.robinowitz@edgenuity.com

Print Name: _____

Title: _____

Date: _____

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