EdReady Math in Specialized and Alternative Settings

Thanks for joining us! We will begin promptly at 2:00 p.m. ET.

- Use the "questions" area to submit questions as they arise.
- This webinar will be archived at NROCnetwork.org, and you will receive a follow-up email with a link to the recording and slides.
- Contribute to the Twitter conversation at #NROCpd.
- Do you need help with GoToWebinar? Email memberservices@NROC.org.
Changing the Way College and Career Readiness is Approached and Supported
NROC collaborates with educators to imagine, develop, test, & refine technologies that improve student success.
## NROC Courses

<table>
<thead>
<tr>
<th>NROC Courses</th>
<th>NROC Math</th>
<th>NROC English</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Algebra 1</td>
<td>Developmental Math</td>
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<tr>
<td></td>
<td>Developmental English</td>
<td>Developmental English</td>
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## Web-based Tools

<table>
<thead>
<tr>
<th>EdReady</th>
<th>Hippo Campus</th>
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<tbody>
<tr>
<td>a readiness system (to personalize a learner’s study path)</td>
<td>a curated repository of learning objects</td>
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</table>

NROC courses can be installed in a Learning Management System (LMS) ... or can be accessed through our web-based tools

& a new product created in partnership with ACT™...
EdReady

EdReady is a math and English readiness system that employs a knowledge inventory to personalize a learner’s path to subject mastery within the context of a specific educational goal.
WEB-BASED TOOLS

Open and Designed for Institutional Customization

Goals

What do you want your students to be ready for?

Knowledge Inventories

Resources

Data Access

Readiness

What do you want your students to be ready for?

EdReady
Powered by NROC
Create goals that are meaningful to your students.

*(Goals group cohorts together.)*
Customize the scope of learning objectives.
Select and prioritize content interventions.
Access data for planning, intervention, and evaluation.
“My classroom is very unique.”

That’s okay!
EdReady at
Intermediate
District 287

Ben Drewelow
Scott Wright
Ben Drewelow
- Instructional Coach
- Former teacher & educational assistant

Scott Wright
- Instructional Coach
- District Assessment Focus Group
Questions to consider
Who are your students?
What comparisons can you make?
### Intermediate District 287

**Responsive. Innovative. Solutions.**

- 3,000+ Day Program students
- ~50% Students of color
- Over 60% Free/Reduced Lunch
- 120 programs/services to over 14,000 students
- ~600 in Area Learning Centers/Academies
- ~700 in Special Education

[Intermediate School Districts in Minnesota](#)

[287 Fact Sheet](#)

[ALC Models](#)
Our Challenges

1. Equitable Outcomes
2. Solutions for unique learning needs
3. Culturally Responsive
4. Motivation
SPED Transition Placement Recommendations Pilot - Math 2017-2018
EdReady: Access Assessments and Learning Pathway

When you select a goal you will need an access key. Review your goals with your teacher or counselor and use the key they give you for the proper goal:

<table>
<thead>
<tr>
<th>Goal Name</th>
<th>Goal Key</th>
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</thead>
<tbody>
<tr>
<td>287 EdReady Arithmetic Readiness</td>
<td>BRISTOL-A</td>
</tr>
<tr>
<td>287 EdReady Beginning Algebra Readiness</td>
<td>BRISTOL-BA</td>
</tr>
<tr>
<td>287 EdReady Intermediate Algebra Readiness</td>
<td>BRISTOL-IA</td>
</tr>
</tbody>
</table>

Readiness assessments by units

<table>
<thead>
<tr>
<th>287 EdReady Arithmetic Readiness</th>
<th>Goal Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Numbers</td>
<td>BRISTOL-U1</td>
</tr>
<tr>
<td>Fractions and Mixed Numbers</td>
<td>BRISTOL-U2</td>
</tr>
<tr>
<td>Decimals</td>
<td>BRISTOL-U3</td>
</tr>
<tr>
<td>Ratios, Rates and Proportions</td>
<td>BRISTOL-U4</td>
</tr>
<tr>
<td>Percents</td>
<td>BRISTOL-U5</td>
</tr>
<tr>
<td>Measurement</td>
<td>BRISTOL-U6</td>
</tr>
</tbody>
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District Tips

- Identify Universal Screening tools
- Determine score bands (Align with screening tools, standards, and relevant assessments)
- Confirm or build District Readiness Study Path (scope) based on diagnostic bands
- Build Readiness Goals for completion of diagnostic (EXAMPLE EdReady MT Goal Construction Sheet - Jason Leonard)
Questions?
EdReady Math at
North Education Center Academy (NECA)
Minnesota requires passing grades in:

Interm. Alg. (9th)
Geometry (10th)
Algebra 2 (11th)

*12th grade math decided at district level

Our NECA students typically enroll with a "mixed bag" of credit attainment, ex:

Interm. Alg.  \( x \times \_ \_ \)
Geometry  \( x \_ \_ x \_ \)
Algebra 2  \( \_ \_ \_ \_ \_ \)
Enter EdReady, and we had an idea...

Blended Math Class
1. Students take customized diagnostic based on their most immediate credit attainment need.

2. After reviewing their diagnostic results with the teacher, students set learning goals.

3. Students work thru EdReady Study Path OR do “offline” projects & assignments to meet their learning goals.
1. Co-teaching model (one math teacher, one special education)

2. Weekly Circles to build community (from Restorative Practices)

3. Conferencing with each student, 1-on-1 (5 mins), each week, to set intentions and provide feedback - “Glows and Grows.”

4. Explicitly teach note-taking and test-taking skills.

5. “Switchboard” of offline assignments & projects students can complete to meet goals (we find this especially helpful for Geometry.)
Materials & Resources

This slide deck & links are available online at: is.gd/edready

Conferencing with Students:
Math Chat / Math Literacy Conference
Math Timeline (from AVID)
Weekly Form (from EdReady Montana)

Assessment Details for pre-loaded EdReady assessments

Talking Circles
What & Why?
Origins & Key Elements
More

Note Taking
Topic Template (from EdReady Montana)
Lesson Outlines (from JSU)
The Write Path I: Mathematics (from AVID)
Results / Impact

- 80% of students have made measurable gains
- Average increase is 36 points from diagnostic to end of semester
- 18% have reached target scores of 90 or better on post-assessment
- 4 pts avg. NWEA MAP score increase (Fall to Spring)
Questions?
Implementation Analytics

LMS (Moodle) Analytics

- EdReady course used for/in Algebra 2 is one of our most active courses in our ALC Gateway to College Program

- In ALCs with explicit expectation for use of Blended delivery - much higher adoption rates.
Hopes & Dreams

- Developing a district assessment model that includes EdReady-English
- Developing more instructors who are skilled with blended/personalized learning classrooms
- Diagnostic with option to turn on/off learning path, so teachers can decide on instructional tools
THANK YOU!

Questions, Thoughts, Ideas?

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CREDITS

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MEMBERSHIP WORKS BEST WHEN PARTNERS:

Commit
significant time and staffing to becoming facile with NROC courses and tools

Adapt
NROC’s suite of solutions to meet their students’ specific needs

Contribute
efficacy stories and original supplemental resources to the broader membership
Launching a Working Group...Alternative Education, MTSS/RTI

Are you interested in continuing this conversation? (Polling Question)

Email Terri: trowenhorst@NROC.org

Join our online discussion group: https://nrocnetwork.org/community/groups/mtss-rti-exploration-group/

Watch for an upcoming survey and invitation for a summer online working session!
Thank you for joining us!

Special thanks to our presenters:

Ben Drewelow
badrewelow@district287.org

Scott Wright
sawright@district287.org

Thank you for joining us!

You will be receiving a link to the recording and presentation assets at NROC.org.