DATA-DRIVEN CLASSROOM INSTRUCTION: LEVERAGING EDREADY TO MEET YOUR STUDENTS WHERE THEY ARE

Thanks for joining us! We will begin promptly at 2pm ET.

- Use the “questions” area to submit questions as they arise
- This webinar will be archived at NROCnetwork.org
- Follow us at #NROCpd

Need help accessing? Please email: memberservices@NROC.org
NROC partners with educators to create open and low-cost courses and tools that are designed to recognize every student’s unique learning needs and preferences.

These resources can be adapted and scaled to meet programmatic goals in a variety of instructional settings.
UNESCO DEFINITION OF OER

“Open Educational Resources (OERs) are teaching, learning and research materials in any medium – digital or otherwise – that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions.”
THE HYBRID MODEL ALLOWS US TO...

support and redistribute OER, from ourselves and partner projects;

build and maintain platforms for enabling people to find, adapt and share OER, and to engage in open educational practices;

invest most of our time and energy into improving learning outcomes, with special attention to college and career readiness;

and stay committed to the effort and investment of our institutional members for the long term, fulfilling the promise of OER.
NROC collaborates with educators to **imagine, develop, test,** & **refine** technologies that improve student success.
NROC COURSES

- NROC MATH
  - Algebra 1
  - Developmental Math

- NROC ENGLISH
  - Developmental English

WEB-BASED TOOLS

- EdReady
  - A readiness system (to personalize a learner’s study path)

- Hippo Campus
  - A curated repository of learning objects

NROC courses can be installed in a Learning Management System (LMS)...

...or can be accessed through our web-based tools.
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.
What do you want your students to be ready for?

**Goals**
Create goals that are meaningful to your students.

**Scope**
You can tailor study paths and embedded diagnostics to support programmatic needs within a customized scope of expectations.

**Resources**
Select and prioritize content interventions.

**Data Access**
Access data for planning and evaluation.

**Readiness**
Customize messaging to let students know what is next.
Monitor Student Behavior
Monitor Student Behavior: Cohort

Review cohort progress on the Student Data Summary report.

Focus attention on:

• Time Using EdReady vs Time Spent Studying
• Last Test Taken
• Score Gain
• Last Login/ Number of Logins

Accessing this report:

1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest
3. Click on Student Data tab → Summary report will open by default
Monitor Student Behavior: Individual

The main ways to look at student activities:

• **Individual Student Details**: activities/progress in a single study path

• **Student Session reporting**: details about what happens in a single visit to EdReady
Monitor Student Behavior: Individual

Review an individual’s progress in a single study path in the Student-Specific reports.

Focus Attention on:

- Number of tests taken (Times Taken)
- Side-by-side comparison of Test vs Learn activities by topic

Accessing this report:

1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest
3. Click on Student Data tab → Summary report will open by default
4. Click the Details link for the student
Monitor Student Behavior: Individual

Review student activities in EdReady in Session reporting

A “session” in EdReady is a visit, from login to logout

You can see

- Session Summary (time/ dates)
- Activity Details during any single Session

Accessing this report:
1. Start on Reports Dashboard
2. Click on Student Data tab
3. Click on the Activity Report link for the student → the Sessions tab will open by default
   - Click the Details link to see activities during that session
“We'll sit with a student who is struggling and we'll show them a series of their study sessions and ask what patterns they see and ask, “Do you think these patterns are helping you reach the goals you want to meet?”

Then we can help them to learn new strategies for learning and growing.

What this does is it allows us to take the impetus off of the instructor having to almost *lecture* the student (which is how it tends to feel to the student), about their study skills and instead it actually shows the student 'here is what you are doing, tell me what you think about what you're doing' and allows the instructor to facilitate a *conversation*.”

—April Lawton, Adult Education Program Facilitator
Metropolitan Community College (NE)
Determine Knowledge Gaps
Determine Knowledge Gaps: Cohort

Review cohort progress in included units on the Overview report.

Here you can see:

- Units in this study path
- The number of students with each Status in that unit

… which allows you to see areas where the cohort is excelling or struggling

Accessing this report:

1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest → the Overview report will open by default
3. The Unit Breakdown by Mastery is displayed at the bottom of the page
Determine Knowledge Gaps: Cohort

Review cohort progress on the [Unit Detail](http://example.com) and [Topic Detail](http://example.com) reports.

Here you can see:

- Units / Topics listed as columns
- Individual students listed in rows
- **Status** details in the intersection

… which allows you to see areas where the cohort is excelling or struggling

Accessing this report:

1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest
3. Click on Student Data tab
4. Click on Unit Detail or Topic Detail tabs
“The Unit Breakdown is the best part of EdReady for me and this is what I use when I make my lesson plans. I can see what my students need, pinpointing exactly what kind of lesson I'm going to teach during that session.”

–Stephanie Tran, Academic Coach
College Track (CO)

“The reporting allows you to quickly select lesson topics for small or large groups: it is really helpful to be able to pull up this page in EdReady and look at the colors to see where you need to focus attention.”

–April Lawton, Adult Education Program Facilitator
Metropolitan Community College (NE)
Determine Knowledge Gaps: Individual

See a student’s status history for all units & topics in a study path in a downloadable report.

Accessing this report:
1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest
3. Click on Student Data tab → Summary report will open by default
4. Click the Details link for the student
5. Click on the Tests Taken tab
6. Use the Email Table Data button ( ) to have the report sent to you
Determine Knowledge Gaps: Individual

See a student’s status history for all units & topics in a study path in a downloadable report.

Here you can see a row for every testing activity:

• When it occurred
• What was tested (Complete = the initial diagnostic)
• The resulting EdReady score
• The resulting status for every unit & topic in the study path
Determine Knowledge Gaps: Individual

See learning objective scores in the Learning Objective Scores downloadable report.

Accessing this report:
1. Start on Reports Dashboard
2. Click on Reports link for the Study Path of interest → the Overview report will open by default
3. Click on Advanced and Custom Reports link (under Summary header)
4. In the pop-up window, select Student data: learning objective scores in the dropdown menu
5. Click Download Report button
Determine Knowledge Gaps: Individual

See learning objective scores in the Learning Objective Scores downloadable report.

This report has a lot of data: it includes a row for every learning objective for every student.

This is the only report that shows student status at the Learning Objective-level, both on the initial diagnostic and where they stand currently
- 0 = student was tested on this objective and did not show mastery
- 1 = student was tested on the objective, and did show mastery
- 0.5 = the student has not yet been tested on this objective

Note: this report includes all students in your cohort, but is typically most useful when you focus in on an individual student or concept
Determine Knowledge Gaps: Individual

See a student testing history (and individual questions!) for a study path on the Tests Taken tab.

Accessing this report:

1. **Start on Reports Dashboard**
2. **Click on Reports link for the Study Path of interest**
3. **Click on Student Data tab → Summary report will open by default**
4. **Click the Details link for the student**
5. **Click on the Tests Taken tab**
6. **Click Details link for the testing activity: the questions will display at the bottom of the page**
   - Click the Show link for any question to see more details
Permissions to see Reporting Data

Users may need the appropriate **Permissions** to see these reports.

Accessing this page:
1. Click **Edit EdReady Version** button from reports dashboard to access Administrative pages
2. Click on **Admin Users** tab
3. Click on the **Edit** link for the admin user
4. Click on **Permissions** tab
Support Student EdReady Use
Support Student Use: Introducing EdReady

Provide an overview so that students know what to expect:

Student Quick Start Guide & How to use EdReady video walkthrough are available on the homepage of most EdReady sites.
Support Student Use: Introducing EdReady

Ensure students have the details they need to get started:

- URL for your school’s site
- Key(s) for any goal(s) they should join

Help students to understand why they should use EdReady and how it will help them reach their goals.

Fliers, handouts, and posters available at NROC.org/media
“Students meet with me for half an hour, talk about their math skills and or anxiety about it, and then we create an account in EdReady and they take the Diagnostic. Afterwards, we review the results together and I show them how to navigate and how to proceed independently through the lessons and resources.”

–Joyce Atkinson, Coordinator of Learning Resources 
Roxbury Community College (MA)

“When we first approached students about taking the EdReady diagnostic, they were really scared & nervous because the students that need math readiness the most have the lowest math skills. however, once they were able to take it, they were really excited to see what their diagnostic results looked like.”

–Stephanie Tran, Academic Coach
College Track (CO)
Support Student Use: Integrate into Classes

EdReady is commonly used for blended learning.

Sample approach:

- Spend 25% of class on lesson, or discussing motivation or goal setting
- Then 75% of the time students spend working on EdReady - instructor circulates around the room offering assistance and intervening as necessary when a student appears stuck on a particular concept
“Based on my observation, almost nobody will use EdReady outside of class the times when I haven't given class time for it. Whereas when I’m giving that class time for EdReady, I see a spike in use outside of class. I think they see more of the benefit of it.”

–Cash Clifton  
*New Mexico Distance Education and Learning Technologies (NM-DELT)*

“The most successful instructors are those that are using these two strategies: walking around the room and teacher with-it-ness.”

–April Lawton, Adult Education Program Facilitator  
*Metropolitan Community College (NE)*
Support Student Use: Teach Study Skills

Incorporating EdReady into class grades helps students determine where to focus their energy.

Use the information available in reports:

- Time Using EdReady
- Time Spent Studying
- Score milestones or amount of improvement
- Mastery of specific Units/ Topics
Use EdReady status’ to direct student study activities:

<table>
<thead>
<tr>
<th>Color/ Display</th>
<th>Status</th>
<th>Learn Activities*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Assessed</td>
<td>Review only</td>
</tr>
<tr>
<td></td>
<td>Not Ready</td>
<td>Warm-up, presentation, and worked examples OR Topic text, practice, and Review</td>
</tr>
<tr>
<td></td>
<td>Needs Review</td>
<td>Warm-up, presentation, and practice.</td>
</tr>
</tbody>
</table>

*Suggested Learn activities provided by Metropolitan Community College*
Support Student Use: Student-Facing Information

Students can see:

- All Unit & Topic status for a Study Path in a consolidated view
- Initial & current score

Students can see:

- Learning Objective status & title
Support Student Use: Offline Study Plans

Students can email or print study path details:
Support Student Use: Supplemental Resources

Additional resources are available at the NROCNetwork.org:

**NROC Math:**

- [Instructor Guide](#)
- [NROC Developmental Math Video Notetaking Outlines](#)  
  Units 10-18. by lesson - provided by Jacksonville State University (AL)
- Problem Worksheets and Answer Keys*: provided by [NROC](#) and [JSU](#)

**NROC English:**

- [Instructor Guide](#)
- [Writing Assignments](#)
- [Study Guides and Review Packets](#) - provided by Victoria College (TX)

*These are **secure resources that contain answer keys** and are only available to your institution's selected NROC Team. If you need details about who to contact locally for access, let us know: [http://nrocnetwork.org/secure-pm-request-form/](http://nrocnetwork.org/secure-pm-request-form/)
Support Student Use: Communication is Key!

Encourage student progress and reach out if students:

- Are not logging in
- Have not completed Diagnostic
- Are not improving their score
- Are not spending time studying

Student email addresses are available in most reports

Helpful resource: Student Milestones in EdReady’s Reports
Support Student Use: Communication is Key!

EdReady also has a series of messages available to encourage and communicate with students in EdReady (configured under Study Path Options Messaging):

- During Diagnostic
- After Diagnostic
- During Study Path (score milestones)
- Congrats page
JOIN US!

If you are interested in learning more about how NROC courses, tools, and membership can support your initiatives, contact us today.

membership@NROC.org
Robust implementation and technical support

Dedicated implementation specialist

Daily Office Hours

Regular Info Sessions

Comprehensive Help Center and technical ticket support
Live Assistance

We offer two options for getting live support: Daily Office Hours and Implementation/Support Appointments. Please select the option that best fits your need.

- Office Hours
- Personal Appointments

Can't make it?

Support tickets are typically answered within a few hours, Monday-Friday, 9am to 5pm PT.

Submit a Support Ticket

Office Hours Schedule

Monday: 12:00 PM Eastern
Tuesday: 4:00 PM Eastern
Wednesday: 4:00 PM Eastern
Thursday: 4:00 PM Eastern
Friday: 12:00 PM Eastern

https://nrocnetwork.org/ask
Upcoming:
Remix and Adapt Math Instruction with NROC’s Open Courses
Tuesday, May 15 at 2 PM ET

Remix and Adapt English Instruction with NROC’s Open Courses
Wednesday, May 16 at 2 PM ET

Curating Curricular Playlists for Supplemental Instruction
Thursday, May 17 at 2 PM ET
Thank you!

Nicole McCabe, nmccabe@nroc.org

Access the archived webinar at NROCnetwork.org

Download our Student Success eBook for more great ideas that scale…