

TEACHER LEADERS

ENGAGE. EMPOWER. INSPIRE.



Remediation Tools with Khan Academy

Teacher Leader Collaboration Event
September, 2016

Today's Goals

Today we will answer the questions:

1. How do I recognize and provide support for students who are not ready to access grade level content?
2. How do I recognize and provide support for students who are struggling to grasp new content?
3. How do I best use the resources provided by Khan Academy to support the needs of my students?

By the end of today's session, you will feel better equipped to provide on-time remediation to your students using tools from Khan Academy.

Agenda

- Introduction (2 min)
- Responding to Student Needs (25 min)
- Exploring the Tools (20 min)
- Making a Plan (15 min)
- Resources (5 min)
- Closing (5 min)

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Responding to Student Needs

Please respond to the following question on chart paper:

- What keeps students from being able to access and/or master grade level content?

Responding to Student Needs

Students are missing requisite knowledge and/or have misconceptions.

- Identify and remediate for missing requisite knowledge
- Identify and remediate for misconceptions
- Involves prior grade level content
- Remediate for what you need right now

Responding to Student Needs

Khan Academy has created “Foundations” tutorials to help fill the gaps in requisite knowledge prior to engaging with on grade level content.

[Grade 4, Module 1, Topic D](#)

- How will this help students?
- Is it the appropriate foundational content? If not, what content is missing?

Responding to Student Needs

Students are not understanding the representations, tools, and/or approach to learning new content.

- Identify and use alternative representations, tools, and/or approaches
- Don't replace understanding with skill (i.e., don't replace strategies with tricks)
- Could use previously mastered content from any grade/course as leverage
- Remediate for what you need right now

Responding to Student Needs

Khan Academy has curated its resources to align with the scope of sequence of Eureka Math.

Grade 5

- How will this help students?
- Is the content perfectly aligned to the content of Eureka? If not, is this problematic?

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Exploring the Tools

<https://www.khanacademy.org/>

Option 1 - Explore the library

1. Use the subjects menu (top left corner) to pick a grade level.
2. Either scroll down to see the table of contents or click on the classes tab to see an EngageNY (i.e., Eureka Math) class.
3. Follow links to tutorials, then try watching a video or practicing an exercise.

Option 2 – Try a mission

1. On a subject page, click on the "Mission" tab.
2. Complete the mission warmup, then try practicing a new skill.

Exploring the Tools

Discuss with your table some strengths and weaknesses of the resources from Khan Academy in terms of their alignment to the standards? to Eureka?

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Making a Plan

Using chart paper, respond to the following questions:

1. Are there standards in my grade with which the Khan Academy resources could be helpful?
2. What are the logistical barriers and possible solutions to implementing resources from Khan Academy?
3. What feedback can we give Khan Academy to help make their resources better and more usable for you?

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Resources

<http://www.louisianabelieves.com/resources/library/k-12-math-year-long-planning>

1. Remediation Guide
2. Guide to Rigor
3. Focus by Grade Level (releasing soon)
4. Louisiana Guide to Implementing Eureka (releasing soon)

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Closing Discussion

Discuss the following questions with a colleague:

1. How can I use Khan Academy to help meet my students' needs?
2. What do I need to do differently in my classroom as a result of this session?
3. How will I help other teachers at my school know where to find and how to use the resources provided by Khan Academy?

Edmodo Math Groups

Network with other math teachers, share resources, and discuss successful strategies using Edmodo.

1. Visit: <http://www.edmodo.com>
2. Create an account
3. Use code: LKEAQ4