

FREQUENTLY ASKED QUESTIONS AND ANSWERS

1. Where do I get the online resources?

Online resources are available on ThinkCentral web page. You will need a user name and password available from your local conference.

Link:

http://nadeducation.org/client_data/math/files/56_thinkcentraladminquickstartguide_v3.pdf

2. Has the NAD Math Summer Committee produced a multi-grade math content correlation guide?

No. The NAD Mathematics Standards list the essential content and skills that should be taught at each grade level. The standards require a deeper and more rigorous understanding of math content. Math is based on a sequential progression as one grade builds on the next. For this reason, it is not advisable to combine math instruction for multiple grades.

Link: <https://vimeo.com/71843231>

3. How do I organize math instruction in the multi-grade classroom?

Field-tested strategies are listed for managing a multi-grade classroom. The NAD website has video vignettes of teachers who have successfully integrated the new math adoptions into their classrooms.

Link: <http://nadeducation.org/math/15>

4. How do I use the NAD Mathematics Standards to help me teach math?

The NAD Mathematics Standards allow a teacher to achieve a broad view of the content and skills. The standards will provide the framework for your course outline and lesson plans. Allowing us the freedom to tailor our instruction to meet individual student needs.

Link: <http://nadeducation.org/math/6>

5. What can I do to cut the math preparation time?

By exploring the resources found in this website math preparation, time can be reduced. The more experience you get working with the component parts of the program the less prep time you will need. You do not need to use the entire script of the teacher's edition the way it is outlined.

Link: <http://nadeducation.org/math/15>

6. What are the advantages of the Go Math!/Big Ideas Math Series?

They align most closely to the NAD Mathematics Standards providing technological support. Both series accentuate a depth of knowledge of math concepts not just rote memorization or surface knowledge.

Link: <http://nadeducation.org/math/6>

7. Why are the 8 math practices so valuable?

They delve deeply into the “why” of math and give rigor and focus to the discipline.

Link: <http://nadeducation.org/math/6>

8. How can we make math applicable to our student's lives today?

You must be intentional in connecting math skills to your students every day lives. This may be accomplished by integrating math skills that translate to real

life experiences, i.e., money, sports, transportation/travel, technology, games, food, clothing, etc.

9. What is the place of technology in math instruction today?

Technology is becoming more and more integrated into your students' lives. The use of technology will provide valuable resources for them, as well as make connections to math with 21st century skills. Go Math! and Big Ideas offer many technology resources.

10. How can I communicate math concepts to my students that I do not feel confident in myself?

You cannot! You must know something to be able to teach it. If you do not understand math, take the time to understand it to the level that your students deserve. This can be facilitated by reviewing the resources on this website.

Link: <http://nadeducation.org/math/6>

11. Can I use the ThinkCentral online resources via an iPad?

Yes, but you will need to have an app to access the ThinkCentral online resources. The Puffin Web Browser is a suggested app that can be found in the App Store.

12. Where can I experience in-service training for the new math adoptions?

You may access the additional resources on the NAD website. You can click on the "Lighthouse" icon in order to locate video vignettes and pdf documents that will cover the following four important areas: NAD Mathematical Standards, Curriculum Help, Math Practices that Work, and Diving Deeply into Math.

Link: <http://nadeducation.org/math/>