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Slide notes: Welcome to the National Center and State Collaborative Community of Practice Webinar.

This presentation is part 1 of Ensuring Access to the Common Core and focuses on the NCSC Curriculum and Instructional Resources used for planning and implementing instruction on the Common Core State Standards.
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Slide notes: As you know, this instructional triangle is used as the framework for all webinars. Part one of this webinar will focus on the Instruction aspects of the triangle through the resources provided by NCSC, and part two will bring all the pieces, instruction, curriculum, and assessment together. As we go through this module, remember that work we do within the triangle is all directed to the goal of College, Career, and Community readiness and that communicative competence is the base that supports it all.
Disclaimer

The information in this presentation is intended to support the review and refinement of training and materials developed for the NCSC GSEG.

Slide notes: This presentation is considered a draft. In keeping with the project's goal to provide quality instructional resources, feedback on the presentation and materials is welcomed and valued. Any feedback will be used to make improvements to these resources.
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Slide notes: There are two goals for this webinar. First, we will introduce the resources identified in the “How” portion of the NCSC Schema and then we will discuss the purpose and use of each of those resources. After the webinar, please take time to review each of the resources.
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Slide notes: Let's take a quick look at the NCSC Instructional schema and remind ourselves of what we have already reviewed in previous webinars.

First we focused on the "what" students will learn inorder to be ready for college, career and community opportunities after High School.

As we know, the Common Core State Standards define what students should understand and be able to do in their study of English/Language Arts and mathematics. If you haven't already done so, it is very important to take time to become familiar with the FL Common Core found in the CPalms website.

We also learned that the Learning Progressions Frameworks give us the educational logic to help move all students along with their peers in a coherent, educationally sound way. The Learning Progressions Frameworks contain learning targets and progress indicators that are referenced in C & I materials.

The Core Content Connectors were developed to help promote a way in which students can engage in the CCSS while following the learning progressions and they identify the most salient grade-level, core academic content in mathematics.

And finally, we have been introduced to the Graduated Understandings, which house the Instructional Families and Element Cards, and were developed to help teachers plan instruction designed to move students in a logical progression toward increased proficiency of the CCCs, and therefore CCSS.
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Slide notes: Now we will introduce the rest of the NCSC Instructional resources, which include Content Modules, Curriculum Resource Guides, Universally Designed Instructional Units on specific mathematics concepts, MASSIs (Math activities with scripted systematic instruction), and an Instructional Resource Guide. We will begin with the Content Module.
The Content Modules are being developed as an online multimedia resource that provides teachers with a deeper understanding of complex concepts. Because it is necessary to understand the content before teaching the content, these modules are an excellent companion resource when viewing the Common Core State Standards and when planning for instruction. For example, if a teacher is not sure what “nets” are in geometry, the Perimeter, Area, and Volume content module can be used to obtain explanations and examples of nets.

These modules not only help teachers gain a deeper understanding of specified concepts, but also provide ideas on how to support learning of these concepts for students with a significant cognitive disability.

Mathematics content modules are being developed on the following concepts: Coordinate Plane, Fractions and Decimals, Expressions, Linear Equations, Perimeter, Area, and Volume, Radicals and Exponents, and Ratios and Proportions. The Linear equations module is available for your review.
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Slide notes: Each Module follows the same format and includes:

Plotting the Course: which provides the rationalization for teaching the concept and skills as well as the goals for each module. Each of the mathematics modules promotes an understanding of specific mathematical concepts needed when planning instruction to help verify accurate coverage of the concepts.

For example, the goal of the Equations module is to provide detailed instruction on the more complex concepts within linear equations to teachers of students with disabilities at the middle and high school level.

Time for Take Off: which provides the relevant vocabulary associated with instruction on specified concepts and ideas to support vocabulary learning. As a teacher, knowing and using the mathematical terms not only ensures your instruction stays true to the math content, but will also help with collaborating with other math teachers or content experts. When choosing which vocabulary to teach, it is important that the teacher selects the most salient or most frequently used vocabulary for each lesson.

Floating on Air: which provides a list of skills that should be covered at each grade level. For concepts that you need more information about, accompanying PowerPoint presentations are available, that walk you through examples of the concepts as well as suggestions for instruction.

Sharing the Sky: which provides a variety of ideas for supports and use of UDL principles

Finally, Prepare for Landing: which provides ideas for linking the mathematics concepts to real-world applications, college and career readiness skills addressed when teaching these concepts, possible formative assessments for teachers, and sample general education activities specific to the concept addressed.
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Slide notes: Now let's take a look at the Curriculum Resource Guides
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Slide notes: The Curriculum Resource Guides are intended to be a support for teachers to understand how a concept (such as teaching area and surface area in the middle school grades) can be taught to students with different instructional and support needs.

The Curriculum Resource Guides also help in understanding how that concept changes (and therefore the instruction changes) across the grades within a grade span. Each guide covers a range of Core Content Connectors for grades 3 through high school and provides examples of performance and essential understandings, universal design for learning, and ideas to promote college and career readiness.
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Slide notes: The Curriculum Resource Guides focus on six topics that were derived from the priorities identified by the NCSC Work Group on Assessment:

Data Analysis
Equations
Fractions and Decimals
Measurement and Geometry
Ratio and Proportions

The Equations Curriculum Resource Guide is available for your review.
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Slide notes: Once we have become familiar with the content, we can begin to plan instruction and provide supports for access to the Common Core State Standards.

Examples of Instructional Units on specified mathematics concepts have been developed to show the use of UDL and other considerations for providing full access to grade specific academic instruction. Instructional planning begins with general education instructional units and lessons because it ensures that instruction is designed on the grade specific skills and concepts of the Common Core State Standards.
Slide notes: The elementary and high school Instructional units offer models for how to engage all students in well-designed instruction on the Common Core State Standards. The units were developed using the concept of the learning progressions, therefore each instructional unit consists of multiple general education lessons that build on specific skills and concepts, moving student learning from beginner to expert.

The Units and Lesson Plans illustrate how to target the grade specific skills and concepts within general education lessons, and provide examples of planning for multiple means of representation, action, expression, and engagement. Each lesson also provides examples of support considerations to ensure access to learning and communication.

Each lesson plan includes the following components:

- Materials and Vocabulary,
- Lesson Introduction,
- Body of the Lesson,
- Practice, and Closure, which includes a formative assessment.
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Slide notes: The NCSC units of study lesson plan format details how general education lessons can be broken down into steps. Within each step, specific examples of how to modify and adapt the lesson and materials are given for emerging readers (e.g., students who use oral speech or symbol-based augmentative communication to read sight words) and emerging communicators (e.g., students who are learning to use regularized gestures, signs, and symbols to communicate a variety of intents).

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Slide notes: Each of the NCSC instructional units includes examples of supports that might be used to provide access to each step of every lesson and also provide examples of sample student work.

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The next set of resources we will discuss are the MASSIs. MASSI stands for Mathematics Activities with Scripted Systematic Instruction. These scripted activities offer intensive instruction on specific math skills and concepts represented in the prioritized Core Content Connectors.

As indicated by the schema, the MASSIs are instructional interventions used to support acquisition of key concepts used/taught in grade specific, general ed instruction.

LASSIs serve the same purpose for English Language Arts and are currently in development.
Slide notes: Using scripts, the MASSIs present instruction in grades bands 3-5, 6-8 and high school and help teachers plan and prepare for instruction with suggested teacher and student materials.

A MASSI offers a guide for instruction with graduating levels of difficulty – beginning with teaching the content to a student with little or no background knowledge of that content, to providing additional practice beyond the general ed lessons to help build an understanding of the target concepts of the Core Content Connectors. The MASSIs utilize real-life word problems and hands-on activities aligned to grade-level content.

The purpose of a MASSI is to provide intense, systematic instruction on key concepts a student continues to have difficulty grasping, even after instruction and practice in the general ed. lessons, with the intent of moving the student back into that general ed instruction.
Slide notes: The MASSIs come with tools, such as data sheets that can be used for monitoring progress of skill performance.

This is a sample progress monitoring sheet. The steps in a progress monitoring sheet correspond to the steps in an actual MASSI. This is to be used for data collection.
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Slide notes: The Instructional Resource Guide is the final Curriculum and Instructional resource in the NCSC schema.

The Instructional Resource Guide helps educators build on their knowledge of instructional strategies by providing guidance on how to use evidence-based systematic instructional methods and use of these strategies to teach students targeted skills and concepts. The systematic instructional methods described are the same as those used in the MASSIs.
Topics and strategies discussed in the Instructional Resource Guide include:

- An overview of systematic instruction
- The importance of finding a response mode
- Explanations of instructional strategies and “how to”
  - Constant Time Delay (CTD)
  - System of Least Prompts (LIP)
  - Model, Lead, Test
  - Example/Non-example Training
- Sample scripts for math and ELA skill intervention for each instructional strategy
- Troubleshooting Q&A
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Slide notes: In this webinar we have: Introduced each of the instructional resources identified in the NCSC schema and discussed the purpose and use of each.
Slide notes: Please take some time to become familiar with the Instructional Resources introduced in this webinar. These materials can be accessed on the FL Sharepoint.

Part 2 of this webinar will bring all the resources together through general ed unit of study geared toward learning the concepts of the Common Core State Standards.
Thank You!

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