INSTRUCTIONAL SUPPORTS AND RESOURCES

Bethany Zimmerman Director of Alternate Assessment August 16, 2018

OVERVIEW

- Participants will become familiar with instructional supports and resources for teachers of students with significant cognitive disabilities.
 - How to Teach State Standards to Students with Significant Cognitive Disabilities
 - Writing rubrics
 - NCSC Wiki resources

HIGH EXPECTATIONS



THE GOAL OF THE MULTI-STATE ALTERNATE ASSESSMENT (MSAA)

 To develop a system of assessments supported by curriculum, instruction, and professional development to ensure that students with the most significant cognitive disabilities achieve increasingly higher academic outcomes and leave high school ready for post-secondary options.



MSAA

- MSAA is designed to assess students with significant cognitive disabilities.
- This Alternate Assessment measures academic content that is aligned to and derived from the state's content standards.
- This test contains many built-in supports that allow students to take the test and communicate what they know and can do as independently as possible.
- MSAA is administered in the areas of ELA and Mathematics in Grades 3-8 and 11.

UNIVERSAL DESIGN FOR LEARNING



FOLLOWING THE PRESENTATION

http://www.azed.gov/assessment//msaa/

Testing Dates and Updates

- General Information
- State Specific Guidance
- Eligibility and Terminology
- Instructional Supports and Resources
- Test Coordinators

HOW TO TEACH STATE STANDARDS TO STUDENTS WHO TAKE ALTERNATE ASSESSMENTS

- Browder, D., Wakeman, S., & Flowers, C. (2016). How to teach state standards to students who take alternate assessments. Minneapolis, MN: University of Minnesota, National Center and State Collaborative.
- <u>http://www.azed.gov/assessment/files/2016/11/how-to-teach-state-standards-to-students-who-take-alternate-assessments.pdf</u>

LIZ (PAGES 11-12) GRADE 10

- No speech, difficulty walking, short attention span
- Severe intellectual disability
- Learned social skills: walking to someone, showing materials, vocalizing a sound
- Can respond to two choice options
- Understands humor
- Emerging literacy and numeracy skills

LIZ'S MATH INSTRUCTION (PAGES 21-22)

- Linear equations
 - Student responds to choices for the parts of the equation
 - Provide manipulatives
 - Use a number line for one-to-one correspondence

LIZ'S ELA INSTRUCTION (PAGES 39-40)

- Reading a Novel
 - Use pictures for the characters
 - Use pictures of the characters to answer comprehension questions

NCSC WIKI

	Page Discussion	Read	View source	View history		Go	Search			
	Main Page									
Navigation	Welcome to the National Center and State Collaborative Wiki!									
Main page Current events Recent changes Random page Help All Resources	The National Center and State Collaborative (NCSC) is a project led by five centers and 24 states, building an alternate assessment based on alternate achievement standards (AA-AAS) for students with the most significant cognitive disabilities. The shared goal of the NCSC partners is to ensure that students with the most significant cognitive disabilities achieve increasingly higher academic outcomes and leave high school ready for post-secondary options. The wiki and the materials hosted here help educators accomplish the NCSC goals by supporting instruction aligned to the Common Core State Standards (CCSS). The materials on the wiki can also be used in states that are not using the CCSS. Much of the content that is covered on the wiki will also appear in other Mathematics and English Language Arts state standards.									
Glossary	Wiki Resources									
Terms of Use	Curriculum Resources - What to Teach; Curriculum Resources are reference materials created to reinforce educators' understanding of curriculum content (found in the top half of the resource schema below) Instructional Resources - How to Teach; Instructional Resources are reference materials created to support classroom teaching (found in the bottom half of the resource schema below)									
What links here Related changes Special pages Printable version Permanent link	 Educator Professional Development and Farent Resources – Presentations and interactive modules designed to supplement written NCSC materials as well as written summanes about the NCSC project, explore teaching and learning for student with significant cognitive disabilities, and provide broad coverage of topics of interest to educators and parents alike. Parent Tips and Tools - These documents include a one page wiki navigation tool and a more detailed wiki navigation guide. In addition, there is a wiki tips series, made up of eight short documents, that helps parents use the resource materials. Sample Items - The Sample Items presentation describes the NCSC Alternate Assessment Design and provides examples of English Language Arts and Mathematics items . Communication Tool Kit - The National Center and State Collaborative developed the Communication intervention. Professional development resource for teachers and speech language pathologists serving students with disabilities. This series of see modules and an introductory Call to Action identifies the important features of high quality communication intervention. Professional development certificates are available for participants upon completion of the series. 									
	Quick Links									
	 All Resources - Browse curriculum and instruction resources in the wiki by category (CCCs, Element Cards, Content Modules, etc) NCSC Partners - Parent Resources @ - The NCSC Partners website includes a wealth of information available to parents and interested others. The resources referenced on this site include summaries, explanations and descriptions of work related to the NCSC project. These topics of this work include: NCSC Project Descriptions, Curriculum and Instructional Resources, Alternate Assessment, IEP Team Guidance for Participation in Alternate Assessment, College and Career Readiness for Students with Significant Cognitive Disabilities, Communicative Competence, and tools for sharing NCSC information. NCSC Partners @ - Visit ncscpartners.org for more information about the National Center and State Collaborative. 									
	• The SCHEMA for Common Core State Standards Resources The graphic below presents the relationships between Curriculum and Instructional Resources developed in the NCSC grant. Click on the name of a resource to access further information in the wiki.									
	SCHEMA for Common Core State Standards Resources NCSC Curriculum and Instructional Resources									
	Common Core State Standards									

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https://wiki.ncscpartners.org/index.php/Main _Page

NCSC INSTRUCTIONAL RESOURCES



INSTRUCTIONAL RESOURCE GUIDE

- This resource can be implemented immediately
- Focus on explicit instruction and best practices for teaching students with significant cognitive disabilities

Instructional Resource Guide on Prompting and Instructional Strategies

The purpose of the Instructional Resource Guide:

- To provide guidance for teachers regarding evidence-based prompting and instructional strategies to be used to teach students with significant disabilities
- To serve as a companion document to the SASSIs for teachers to reference quickly and easily
- To help educators build knowledge of the essential systematic instructional methods and prompting strategies that are used in SASSIs to teach students targeted skills

Systematic Instruction

- Teaching focused on specific, measurable responses that may either be discrete or a chained task, and that are established through the use of defined methods of prompting and feedback based on the principles and research of ABA.
- Will include:
 - o Prompting
 - o Feedback
- Format of instruction
- Task Analysis
 - Repeated Trial

Finding a Response Mode

- · It is important to identify the best way for your student to show what they know
 - o Point
 - o Pull-off
 - o Grab
 - Eye gaze
 - o Say
 - o Write
 - Activate Switch
 - Use Picture Communication System
 - Use Augmentative Communication Device
- The chosen response mode should be something the student can perform independently

Time Delay

There are two types of time delay, constant time delay and progressive time delay. This Instructional Resource Guide focuses on Constant Time Delay; however, it does provide a brief explanation of Progressive Time Delay.

Additional Prompting Strategies

There are additional prompting strategies that are not covered in this instructional resource guide that may be helpful when teaching your students. These strategies were not included because they are not used in the SASSIs. These include, but are not limited to most to least prompting, simultaneous prompting, and graduated guidance.

WHAT IS INCLUDED IN IR GUIDE?

- Overview of Systematic Instruction
- Importance of Finding a Response Mode
- Explanation of Instructional Strategies and "how to"
- Provides sample script for math and ELA skill for each instructional strategy
- Troubleshooting Q&A

Scripts for how to do:

- Constant Time Delay (CTD)
- System of Least Prompts (LIP)
- Model, Lead, Test
- Example/Non-example Training

NCSC INSTRUCTIONAL RESOURCES



CORE CONTENT CONNECTORS (CCCS)

- Identify the most salient grade-level, core academic content in ELA and mathematics found in both the Common Core State Standards (CCSS) and the Learning Progression Framework (LPF);
- Illustrate the necessary knowledge and skills in order to reach the learning targets within the LPF and the CCSS;
- Focus on the core content, knowledge and skills needed at each grade to promote success at the next; and
- Identify priorities in each content area to guide the instruction for students in this population and for the alternate assessment.

•These are not alternate standards

•There is not a one to one correspondence for every state standard

•These are not a

NCSC INSTRUCTIONAL RESOURCES



GRADUATED UNDERSTANDINGS

- Utilized by teachers to:
 - Share a common language;
 - Plan multi-grade instruction for students who participate in the AA-AAS with a wide range of abilities and challenges;
 - Support developed instructional units that will include all students and will promote the use of Universal Design of Learning; and
 - Engage in collaborative discussion and delivery of instruction.
- Include Instructional Families and Element Cards.

GRADUATED UNDERSTANDINGS (GUS) AND INSTRUCTIONAL FAMILIES

Distribution of Instructional Families: Patterns, Relations and Functions

(K-4) Elementary School Learning Targets E.PRF-1 Use concrete, pictorial, and symbolic representations to identify, describe, compare, and model situations that involve change. E.PRF-2 Give examples, interpret, and analyze repeating and growing patterns and functions involving the four basic operations				(5 M.PRF-1 Descr and use the info Model conti Calculate ra M.PRF-2 Give e mathematical p functions	-8) Middle Scl ibe and compa ormation to dra extual situation ates of change examples, inte atterns, relatio	nool Learning Targ are situations that in w conclusions: ns using multiple rep for real-world situat rpret, and analyze a ns, and explicit and i	ets volve change resentations; ions (constant) variety of recursive	 (9-12) High School Learning Targets H.PRF-1 Approximate, calculate, model, and interpret change: Use graphical and numerical data resulting from complex situations; Model complex real-world phenomena to make predictions and provide explanations H.PRF-2 Use trends and analyze a variety of mathematical patterns, relations, and explicit and recursive functions. 	
Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	HS
]								
Representing and Modeling Describin Problems Patterns			ig and Exten	ding	Problem Solv Variables	ing and Usin	g Proportional Relationships and Graphing		

Instructional Families

GRADUATED UNDERSTANDINGS (GUS) AND INSTRUCTIONAL FAMILIES

Instructional Families

21

Overview of CCCs: Patterns, Relations and Functions							
Describing and Extending Pa	terns	Problem Solving an	nd Using Variables	onal Relationships and Graphing			
(5-8) Middle School Learning Targets							
M.PRF-1 Describe and compare situations that invo Model contextual situations using multiple repre Calculate rates of change for real-world situatio	lve change and use the in sentations; ns (constant)	formation to draw conclusio	18:				
M.PRF-2 Give examples, interpret, and analyze a ve	riety of mathematical pat	terns, relations, and explicit a	and recursive functions				
Grade 5	Gr	ade 6	Grade 7		Grade 8		
5.PRF.1b1 Given 2 patterns involving the same context (e.g., collecting marbles) determine the 1 st 5 terms and compare the values 5.OA.3	6.PRF.1d1 Solve real-w equations 6.EE.7	vorld single step linear	7.PRF.1g1 Solve real-world multistep using whole numbers 7.EE.3	problems	8.PRF.1g3 Solve linear equations with 1 variable 8.EE.7		
5.PRF.2a1 Generate a pattern that follows the provided rule 4.04.5	6.PRF.2a2 Use variable write expressions when problems 6.EE.6	e to represent numbers and isolving real-world	7.PRF.1g2 Use variables to represent a real-world or mathematical problem, construct simple equations and ineque solve problems by reasoning about the 7.EE.4	quantities in , and alities to e quantities	8 PRF.1e2 Represent proportional relationships of a line graph 8 EE 5		
5.PRF.1b2 When given a line graph representing two arithmetic patterns, identify the relationship between the two 5.04.3	6.PRF.2a3 Use variable quantities in a real-worl relationship to one anot 6.EE.9	es to represent two d problem that change in her	7.PRF 2d1 Solve word problems lead inequalities of the form px + q > r or px where p, q, and r are specific rational 7.EE 4b	ingto (+ q < r, numbers	8.PRF.1f2 Describe or select the relationship between the two quantities given a line graph of a situation 8.EE.5		
5 PRF 2b1 Generate or select a comparison between two graphs from a similar situation 5.0A-3	6.PRF.1a2 Determine v will increase or decreas 5.NF.5	vhether or not the quotient ie based on the divisor	7.PRF.1e2 Represent proportional rel a line graph 7.RP 2b	ationships on	8 PRF.2c1 Given two graphs, describe the function as linear and not linear 8 F.3 8 F.5		
5 PRF. 1a1 Determine whether the product will increase or decrease based on the multiplier 5.NF.5	6.PRF.1c1 Describe the two quantities for a give 6.RP.1	eratio relationship between en situation	7.PRF.1f1 Use proportional relationsh multi step percent problems in real-wo situations. 7.RP.3	ips to solve orld	8 PRF 2e1 Distinguish between functions and no functions, using equations, graphs or tables No CCSS linked		
	6.PRF.1c2 Represent p a line graph 6.RP.2	roportional relationships on	7.PRF 2a5 Use variables to represent quantities in a real-world problem that relationship to one another 6.EE.9	two change in	8 PRF.2e2 Identify the rate of change (slope) and initial value (y-intercept) from graphs 8.F.4		
	6 PRF 2a4 Analyze the dependent and independent and tables, and 6.EE.9	relationship between the ndent variables using relate these to the equation	7.NO.2/4 Use a rate of change or prop relationship to determine the points on coordinate plane 7.RP.2d	iortional I a	8 PRF 2e3 Given a verbal description of a situation, create or identify a graph to model the situation 8.F.5		

ELEMENT CARD: MATH

CCSS graph. examp moving CCC: Strand Relatio	CCSS: 8.EE.5 Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed. CCC: 8.PRF.1e2 Represent proportional relationships on a line graph Strand: Patterns, Family: Proportional Relationships and Graphing						
Progr	ess Indicator: M.PRF. 1erepresenting and c	omputing unitrates associated withratios of					
length:	s, areas, and other quantities measured in lik	e or different units					
Concrete Understandings: • Recognize a positive relationship between two variables. • Graph a series of coordinates on a graph • Identify given coordinates (X, X) as a point on a graph • Identify the intercept(s) on a graph • Understand concepts, vocabulary and symbols: coordinates, ordered pairs (X, X), intercept, grid, axis, point, proportion, line, slope							
Sugge Tex nur Tex sev dire	 Suggested Instructional Strategies: Teach explicitly that a coordinate grid has two perpendicular lines, or axes, labeled like number lines. Teach explicitly how to recognize the relationship between y and x using the coordinates of several points (e.g., y increases as x increases; the ratio is the same for all values if they are directly proportional). 						
Pro	wide multiple examples of line graphs with d	ifferent, labeled coordinates and slopes.					
• Tea	ach explicitly how to plot coordinates on a gr	id and draw the line.					
• Tea	ach explicitly how to define a line provided o	n a grid by multiple coordinates.					
• Tea car	 Teach explicitly simple distance/time problems that illustrate how the rates of two objects can be represented, analyzed and described graphically. 						
 Task Analysis Provide a series of proportional coordinates Present a labeled graph Identify the x coordinate and y coordinate and plot each point List coordinates on a T-chart, (x in one column and y in the other) for each set of coordinates State the proportional relations; _ : _ 							
Supports and Scaffolds:							
Grid paper with raised perpendicular lines (horizontal and vertical lines) and points							
Models							
• T-0	T-Chart, graphic organizer						

ELEMENT CARD: ELA

Grades 3 – 5 Reading Element Card – Informational Text – Identifying Text Structure							
Grade 6 students:	Grade 7 students:	Grade 8 students:					
CCSS: 3.RI.5 Use text features and search	CCSS: 4.RI.5 Describe the overall structure	CCSS: 5.RI.5 Describe the overall structure					
tools (e.g., key words, sidebars, hyperlinks) to	(e.g., chronology, comparison, cause/effect,	(e.g., chronology, comparison, cause/effect,					
locate information relevant to a given topic	problem/solution) of events, ideas, concepts,	problem/solution) of events, ideas, concepts,					
efficiently.	or information in a text or part of a text.	or information in a text or part of a text.					
PI: E.RI.h Locating relevant key ideas using	PI: E.RI.h Locating relevant key ideas using	PI: M.RI.b Using text structures (e.g., cause-					
text features (e.g., table of contents,	text features (e.g., table of contents,	effect, proposition-support), search tools, and					
diagrams, tables, animations) to answer	diagrams, tables, animations) to answer	genre features (e.g., graphics, captions,					
questions and expand understanding.	questions and expand understanding.	indexes) to locate and integrate information.					
CCCs	CCCs	CCCs					
3.RI.h1 Identify the purpose of a variety of	4.RI.h1 Use text features (keywords,	5.RI.b3 Use search tools or text features as a					
text features.	glossary) to locate information relevant to a	means of locating relevant information.					
	given topic or question.						
RI.h2 Use text features (keywords,							
glossary) to locate information relevant to a	4.RI.h2 Use tools (e.g., sidebars, icons,						
given topic or question.	glossary) to locate information relevant to a						
	given topic.						
RI.h3 Use tools (e.g., sidebars, icons,							
glossary) to locate information relevant to a							
given topic.							
Essential Understanding:	Essential Understanding:	Essential Understanding:					
Identify the text features (e.g., charts,	Identify the text features (e.g., charts,	Identify the text features (e.g., charts,					
illustrations, maps, titles).	illustrations, maps, titles).	illustrations, maps, titles).					
THEN	THEN	THEN					
Locate information in a variety of text	Locate information in a variety of text	Locate information in a variety of text					
features.	features.	features.					
THEN	THEN	THEN					
Identify tools (e.g., sidebars, icons, glossary)	Identify tools (e.g., sidebars, icons, glossary)	Identify tools (e.g., sidebars, icons, glossary)					
that help locate information.	that help locate information.	that help locate information.					
Suggested Instructional Strategies:							
Sort to Understand Use time delay to teach text features.* Provide text features (e.g., maps, charts Use a System of Least prompts to provi	a, illustrations) to be sorted into categories. de feedback.*						
Elements of the Instructional Families:	Reading Informational Text, November 2013	12					

	-
Discuss to Understand	
Compare Literary Text to Informational Text (compare/contrast)	
 Provide students with a few examples of literary texts and a few examples of informational texts. (Identify each text's type for the 	
students.)	
 Invite the students to verbally explain the differences between the two types of texts. (e.g., how are the informational texts different from the literary texts? What do the informational texts have that the literary texts do not?). 	m
 Explain what text features are (e.g., the captions tell us what a picture, illustration, chart or graph is about; timelines summarize important information chronologically). 	
 After completing the activity above, have students circle, highlight, or otherwise denote the text features found in the sample informational texts. 	
Chart each type of text feature, and have students discuss the nurnose of each	
Provide students with an additional sample informational text	
Text divisions- ask students to identify how the text is organized and presented.	
 Lead students through the passage while reading aloud. 	
2. Have students look over the passage.	
Highlight the special text features: title, headings, photos, etc.	
Ask students to discuss the purpose and usefulness of the text features.	
 Why do you think the author included a (map, diagram, headings, etc.)? 	
What does the (selected text feature) do to belo you as a reader?	
Model to Understand	
Model how to use text features using the "Think Aloud" strategy (e.g. "The title tells me I'm going to read about a tower that might fall	
Certain words are boldfaced — these are important, so 'III try to remember them. There is a photograph and a diagram — I can use these	to
get a clear picture in my mind of what I'm reading.").	
 Use a System of Least prompts to teach students to: locate text features, locate signal words, find words in a glossary, locate title, use an 	
index*	
 Teach explicitly using a task analysis. For example, steps to finding a word in a glossary. 	
1. Place the written word that needs to be located in a place where it can be seen after you turn to the glossary (if the word is in the text of	on

- another page, write the word on a separate piece of paper).
- Locate the glossary.
- Look at the first letter of the word to be located (e.g., "g"), use the guide word in the glossary to locate words with the same letter (e.g., "g".).
- Look at the second letter in the word to be located (e.g., "gr") and follow the words down the column until you locate the first word with the same first two letters.
- 5. Continue with additional letters until the desired word is located

Suggested Scaffolds and Supports

- Interactive whiteboard
- Teach using meaningful content from a variety of mediums (e.g., internet)
- Highlighted information within the chart, map, or diagram
- · Pictures, objects or tactile representations to illustrate the key information on a chart, graph, or map
- Sentence strips that reflect the key information on a chart, graph, or map
- There are numerous text features. Select a few at a time that are priorities for the students (e.g., bolded text). Practice identifying the
 specific text feature(s) across multiple documents.
 - * Refer to Instructional Resource Guide for full descriptions and examples of systematic instructional strategies.

NCSC INSTRUCTIONAL RESOURCES



CURRICULUM RESOURCE GUIDES: MATHEMATICS AND ELA

TOPICS: Data Analysis, Equations, Measurement and Geometry,

TOPICS: Reading Informational Texts and Vocabulary Acquisition and Use

- Provides guidance for teaching the standards to students with the most significant cognitive disabilities;
- Provides examples for differentiating instruction for a wide range of students in multiple grade levels; and
- Delineates the necessary skills and knowledge students need to acquire the content.

CURRICULUM RESOURCE GUIDES

Content

- Explanation of how topics are taught in a general education setting, common misunderstandings, and prior knowledge and skills needed
- Activities general education teachers use
- CCCs and CCSSs
- Activities for use in real world contexts
- Promoting college and career readiness
- Incorporating UDL

1b. Craft and Structure

What is "text structure" and how is it taught in general education settings?

Text structure refers to how an author has organized the information presented in his/her text. Understanding the various ways content area texts are organized and written is essential for students to be able to readily identify key concepts and relationships, anticipate what's to come, and be able check their comprehension as they read.

Types of Text Structure used in Informational Texts:

- 1. <u>Description</u>: a detailed description of something to give the reader a mental picture
- 2. <u>Sequence</u>: gives readers a chronology of events or a list of steps in a procedure
- Problem and Solution: sets up a problem or problems, explains the solution, and then discusses the effects of the solution
- 4. <u>Cause and Effect</u>: presents the causal relationship between a specific event, idea, or concept and the events, ideas, or concept that follow
- <u>Compare and Contrast:</u> examines the similarities and differences between two or more people, events, concepts, ideas, etc.

Common misunderstandings

Text structure is often part of reading instruction that teachers presume their students will inherently learn. Believing that students will come to understand and identify text structure through exposure alone to informational text is a misconception. Explicit text structure instruction and activities can be incorporated into teaching literacy and substantially help students with organizing their thoughts and increasing their comprehension. It is also important that students learn when and how to choose appropriate flow charts and organizers to match the text structure they are currently reading.

Prior knowledge/skills needed (can be taught concurrently) In general education, the student typically will need to know:

- Identify signal words that indicate which text structure is being used (e.g., first, next, then, last, because, alike, differ, etc.)
- Comprehend text

NCSC INSTRUCTIONAL RESOURCES



CONTENT MODULES

- Provides explanations and examples of the mathematic or ELA concepts contained in the CCSS that may be difficult to teach or unfamiliar to special education teachers;
- Promotes an understanding of Math and ELA concepts so a teacher can begin to plan how to teach the concepts to students.

Mathematics English/Language Arts Author's Purpose and Point of View Content Module Coordinate Plane Content Module Informational Writing Content Module Expressions Content Module Main Idea, Theme, and Details Content Module Fractions and Decimals Content Module Narrative Writing Content Module Functions Content Module Persuasive Writing Content Module Linear Equations Content Module Summarizing and Inferencing Content Module Perimeter, Area and Volume Content Module Text Structure Content Module Radicals and Exponents Content Module Vocabulary and Acquisition Content Module Ratios and Proportions Content Module

CONTENT MODULES



NCSC INSTRUCTIONAL RESOURCES



UDL INSTRUCTIONAL UNIT LESSONS

- There is one UDL Instructional Unit for each ELA and Math at the elementary, middle school, and high school levels.
- Resources and printable materials are provided. These are designed to be complete lessons.
- Each lesson includes objectives, essential questions, vocabulary, materials, lesson introduction, lesson body, practice, and closure.



- 1. Provide picture and/or tactile and/or object representations of relevant vocabulary paired with the written word as it is mentioned during presentation or discussion for rectangle, area, perimeter as well as the meanings of each word.
- 2. Create math journals to record vocabulary, formulas, and notes.
- 3. Provide the formulas for area and perimeter as the concepts of each are discussed.
- 4. During discussion, provide picture representation of real world uses for area and perimeter.
- 5. As students work in small groups or pairs, ensure they have a means for gaining their group members' or partner's attention and a means for contributing to the discussion.
- 6. Students may use their math journals or a graphic organizer to collect/store information gathered during group.
- 7. To find area and perimeter, use grid paper, count/mark/tally each unit along the length of the figure to determine length and count/mark/tally each unit along the width of the figure to determine the width.
- 8. Use the formulas to determine area and perimeter.
 - A list of formulas may be used by the student as a reference.
- 9. Student may be presented with manipulatives of a unit and the rectangle drawn on grid paper.
 - Students determine area and perimeter by placing the manipulative units on each unit around the rectangle on the grid paper to demonstrate perimeter as well as within the rectangle to demonstrate area.

NCSC INSTRUCTIONAL RESOURCES



MASSIS AND LASSIS

- Provides examples of how to teach math and ELA concepts using meaningful activities;
- Incorporates evidence-based instruction from research;
- Provides teaching scripts for teachers who may not have extensive training in systematic instruction with a guide for instruction with graduating levels of difficulty;
- Can be embedded in general education lessons with a mixed ability group OR taught to a small group or an individual student; and
- Provide data sheets and skills tests.

NCSC WIKI SEARCH BOX

Search results

3.NO.111

Search

Content pages Multimedia Help and Project pages Everything Advanced

Create the page "3.NO.111" on this wiki!

Instructional Families: Number Operations

|rowspan="2" colspan="2" style="background-color:RGB(198,217,241)"|3.NO.111 Identify the number of highlighted parts (numerator) of a given representat |style="background-color:RGB(198,217,241)"|3.NO.111 Identify the number of highlighted parts (numerator) of a given representat 82 KB (10,912 words) - 18:50, 3 September 2015

Fractions and Decimals

||**3.NO.1I1** Identify the number of highlighted parts (numerator) of a given representat 44 KB (6,495 words) - 13:09, 16 September 2014

Core Content Connectors by Common Core State Standards: Mathematics 3rd Grade ||3.NO.111 Identify the number of highlighted parts (numerator) of a given representat 20 KB (3,030 words) - 17:52, 23 July 2014

Element Cards Number Operations Fractions ||3.NO.111 78 KB (11,362 words) - 18:54, 29 May 2014

Fractions and Decimals Content Module * 3.NO.111 Identify the number of highlighted parts (numerator) of a given representat

21 KB (3,188 words) - 18:11, 9 September 2015

3.NO.1l1 X Go Search

MORE RESOURCES

Wiki Resources

- Curriculum Resources What to Teach; Curriculum Resources are reference materials created to reinforce educators' understanding of curriculum content (found in the top half of the resource schema below)
- Instructional Resources How to Teach; Instructional Resources are reference materials created to support classroom teaching (found in the bottom half of the resource schema below)
- Educator Professional Development and Parent Resources Presentations and interactive modules designed to supplement written NCSC materials as well as written summaries about the NCSC project, explore teaching and learning for students with significant cognitive disabilities, and provide broad coverage of topics of interest to educators and parents alike.
- Parent Tips and Tools These documents include a one page wiki navigation tool and a more detailed wiki navigation guide. In addition, there is a wiki tips series, made up of eight short documents, that helps parents use the resource materials.
- Sample Items The Sample Items presentation describes the NCSC Alternate Assessment Design and provides examples of English Language Arts and Mathematics items .
- Communication Tool Kit The National Center and State Collaborative developed the Communication Tool Kit as a professional development resource for teachers and speech language pathologists serving students with disabilities who do not or do not yet use oral speech. This series of seven modules and an introductory Call to Action identifies the important features of high quality communication intervention. Communication intervention is essential for students who currently do not use oral speech and do not have regularized communication systems to access the general curriculum in school. Professional development certificates are available for participants upon completion of the series.

Quick Links

- All Resources Browse curriculum and instruction resources in the wiki by category (CCCs, Element Cards, Content Modules, etc)
- NCSC Partners Parent Resources @ The NCSC Partners website includes a wealth of information available to parents and interested others. The resources referenced on this site include summaries, explanations and descriptions of work related to the NCSC project. These topics of this work include: NCSC Project Descriptions, Curriculum and Instructional Resources, Alternate Assessment, IEP Team Guidance for Participation in Alternate Assessment, College and Career Readiness for Students with Significant Cognitive Disabilities, Communicative Competence, and tools for sharing NCSC information.
- NCSC Partners @ Visit ncscpartners.org for more information about the National Center and State Collaborative.

WRITING PROMPT RUBRICS

<u>http://www.azed.gov/assessment/msaa/</u>

msaa

Grade 3 Writing Scoring Rubric

Tier 3

Rubric Elements	Full Evidence	Partial Evidence	Limited Evidence	Unrelated
				Evidence
<u>Organization</u> – The narrative establishes a situation (i.e., activity and setting) and includes a character with relevant descriptive statements. The response provides a conclusion.	 The narrative includes at a minimum: character and situation (activity and setting) two descriptions related to a character a conclusion that connects to the situation 	 The narrative includes at a minimum: character and situation (activity or setting) one description related to a character a conclusion that may not connect to the situation 	The narrative includes at a minimum some evidence related to a character, details or descriptive words related to a character, situation, or conclusion.	There is no evidence of organization or the evidence is off topic.
Idea Development – The narrative includes a sequence of events that unfold naturally and develops the story using temporal words.	The narrative includes at a minimum: two sequenced events related to the situation both events include a detail appropriate use of temporal words that signal order of events	The narrative includes at a minimum: two events related to the situation one of the events includes a detail one temporal word that may or may not be used appropriately	The narrative includes at a minimum an event related to the situation.	There is no evidence of idea development or the evidence is off topic.
<u>Conventions</u> – Students use standard English conventions (subject/verb agreement).	The narrative includes more than one sentence and at a minimum: capitalization at the beginning of the majority of thought units end punctuation for more than one thought unit one simple sentence that contains a complete thought with subject/verb agreement Err "Des supp" or "des supp"	The narrative includes at a minimum two of the following: capitalization to begin one thought unit end punctuation for one thought unit one simple sentence with or without subject/verb agreement	The narrative includes at a minimum one use of Standard English conventions.	There is no evidence of Standard English conventions.

WRITING Scoring Rubrics

Grade 3 - Grade 4 - Grade 5 - Grade 6 - Grade 7 - Grade 8 - Grade 11

QUESTION AND ANSWER SESSION



ALTERNATE ASSESSMENT UNIT

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