



Instructional Planning Module 1.3, 1.4a, 1.4b, 1.4c, 1.5, 1.7c

Piecing It All Together





Academic Tiered Fidelity Inventory Roadmap

Teamii	aming	
1.1	Team Composition	
1.2a	Team Alignment	
1.2b	Team Operating Procedures	

Our Focus: Instructional Planning

Implem	entation
1.3	Aligned Curricula
1.4a	Evidence-Based Practices
1.4b	Lesson Plans
1.4c	Relevant Objectives
1.5	Performance Measures
1.6a	Formative Assessment
1.6b	Instructional Adjustment
1.7a	Professional Learning
1.7b	Coaching
1.7c	Collaborative Planning
1.8	Instructional Practices
1.9	Student Involvement
1.10	Collective Teacher Efficacy
1.11	Family and Community Engagement

Academic TFI 1.3 Aligned Curricula

Evidence-based curricula are organized into clearly defined learning objectives and progressions that are aligned to state standards.

Evidence:

- Curriculum maps
- Pacing guides
- Lesson plans
- Curriculum guides



Academic TFI 1.3 Aligned Curricula

Learning Intention

Describe an aligned curriculum

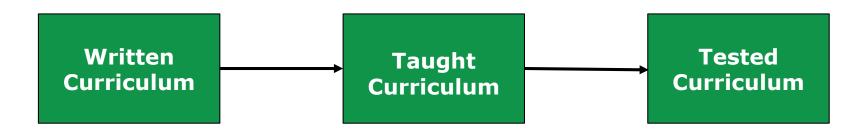
Success Criteria

I can explain the importance of aligned curricula and list available resources



An aligned curriculum

"...the degree to which expectations and assessments are in agreement and service in conjunction with one another to guide the system toward students learning what they are expected to know and do."



Source: Virginia Department of Education



Research tells us...

An aligned curriculum is strongly correlated to increased or high student achievement for all students.

The impact is more powerful with low achieving students.



Guidance from VDOE: Curriculum



CURRICULUM CHECKPOINT

School divisions will need to plan and implement efficient and effective ways to address unfinished learning through revisions to their locally developed curriculum, pacing, resources, and professional development. As leaders and educators review and revise their curriculum and pacing, consider the following key recommendations and reflections:

- Communicate clear learning expectations and experiences that consider in-person and virtual instruction for students.
- Provide flexibility with pacing that is responsive to individual student needs.
- Develop learning expectations and experiences that consider vertical articulation to facilitate connections to prior content.
- Include opportunities for student voice and choice in the written and taught curriculum.

KEY POINTS FOR CONSIDERATION

LEADER REFLECTIONS:

- How do we ensure that our school division's curriculum gives all students the opportunity to build the 5 C's (communication, critical thinking, creative thinking, collaboration, and citizenship) highlighted in the Profile of a Virginia Graduate?
- Does the curriculum provide a balance of the intended learning experiences that are accessible and meaningful for both virtual and in-person students?
- How do we ensure that the expectations, materials, and resources in our curriculum are culturally responsive to student experiences and needs?

EDUCATOR REFLECTIONS:

- How do we incorporate other content areas throughout the curriculum to facilitate connections and applications?
- How do the resources provide personalized learning opportunities for students, regardless of the learning model?
- How do we plan lessons and provide resources for instruction where students "see" themselves in a way that engages them in their own learning?

Source: (2021) Virginia LEARNS: Navigating Virginia in Uncertain

Times



Curriculum Continued

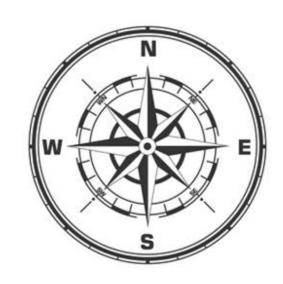


Source: (2021) Virginia LEARNS: Navigating Virginia in Uncertain Times



Revising Curricula and Pacing

- Identify instructional groups
- Identify missing content/content for review
- Identify content connections and progressions
- Revise curricula and pacing

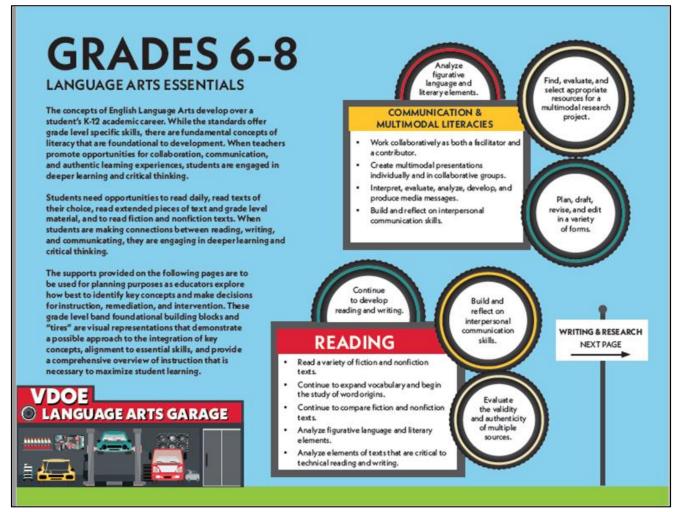


Virginia Tiered Systems of Supports

VIRGINIA DEPARTMENT OF EDUCATION

Source: VDOE. (2020). Recover, Redesign, Restart.

VDOE resource: English



Virginia Department of Education. (2021). <u>Virginia LEARNS:</u> <u>Navigating Virginia Education in Uncertain Times</u>.



VDOE resource: Math

Grade 3 Mathematics – Bridging Standards School Year 2021-2022

This document identifies bridging standards in the 2016 Mathematics Standards of Learning. Bridging standards allow for the identification of content that can be connected when planning instruction and promote deeper student understanding.

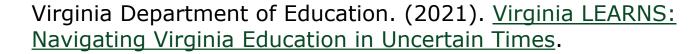


🛊 Bridging standards (indicated by bold text in the grade level column below) are ones that meet one or more of the following criteria:

- Functions as a bridge to which other content within the grade level/course is connected, either horizontally or vertically;
- Serves as prerequisite knowledge for content to be addressed in future grade levels/courses; or
- Possesses endurance beyond a single unit of instruction within a grade level/course.

The selection of content focus areas, potential connections, and the sequencing of content in this document serve as examples only and are intended to assist with curricular development.

Grade 3 Content Focus Areas	Prerequisite Knowledge (Linked to JIT Quick Checks) Grade 1	Prerequisite Knowledge (Linked to JIT Quick Checks) Grade 2	Grade 3 (Linked to Just in Time Mathematics Quick Checks)	Possible Grade 3 Connections Across Content Focus Areas	Possible Future Grade Level/Course Content Connections
	1.2a, 1.5ab	2.1ab	3.1a Read, write, and identify the place and value of each digit in a six-digit whole number, with and without models	Solving Problems with Addition/Subtraction	Decimal Place Value (Grade 4)
Using Place Value to Compare/Order Numbers		2.1a, 2.1d	3.1b Round whole numbers, 9,999 or less, to the nearest ten, hundred, and thousand	Solving Problems with Addition/Subtraction	Round Number through Millions (Grade 4)
	1.2b, 1.2c	2.1a, 2.1c	3.1c Compare and order whole numbers, each 9,999 or less	Interpret data	Compare/Order Numbers through Millions (Grade 4)
	1.6, 1.7a, 1.7b	2.5a, 2.5b, 2.6a, 2.6b	3.3a Estimate and determine the sum or difference of two whole numbers	Round Whole Numbers	Compute with Larger Numbers and Decimals (Grade 4)
Solving Addition/ Subtraction Problems with Whole Number	1.6	2.5a, 2.6a, 2.6b, 2.6c	3.3b Create and solve single-step and multistep practical problems involving sums or differences of two whole numbers, each 9,999 or less	Organize/Interpret Data	Solve problems with Larger Numbers and Decimals (Grade 4)
	1.13, 1.14	2.16	3.16 Identify, describe, create, and extend patterns found in objects, pictures, numbers and tables	Compare/Order Numbers	Solve Practical Problems; Identify Rule (Grade 4)





"Planning can be done in many ways, but the most powerful is when teachers work together to develop plans, develop common understandings of what is worth teaching, collaborate on understanding their beliefs of challenge and progress, and work together to evaluate the impact of their planning on student outcomes."

John A. C. Hattie, Visible Learning for Teachers:: Maximizing Impact on Learning



Academic TFI 1.7c Collaborative Planning

Time for collaborative planning is in the schedule (including special education and resource staff) with accountability for the resulting instructional plan.

Evidence:

- School schedule
- Meeting minutes or agenda from collaborative planning session
- Collaborative planning session template
- Lesson plan template/format



Teachers sharing their experience...

KEY PRACTICE:

Teacher Collaboration:

Matching Complementary Strengths

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Teacher Collaboration

"When teachers engage in high-quality collaboration that they perceive is extensive and helpful, there is both an individual and collective benefit. High-quality collaboration...is associated with increases in their students' achievement, their performance, and their peers' students' achievement (p.62)." (Killion, 2015)



Academic TFI 1.4b Lesson Plans

A *process* for lesson plan development includes knowledge, skills, and cognitive levels matched to the success criteria of the objectives in the curriculum.

Evidence:

- Lesson plans reflect task analysis of criteria for success
- Lesson plans indicate supports at each level of task
- Minutes from collaborative planning sessions



Academic TFI 1.4b Lesson Plans

Learning Intention

Explore a process for lesson plan development

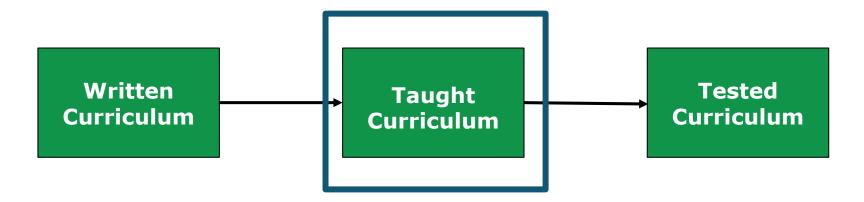
Success Criteria

Explain a process for lesson plan development used in my school



Focus: Taught Curriculum

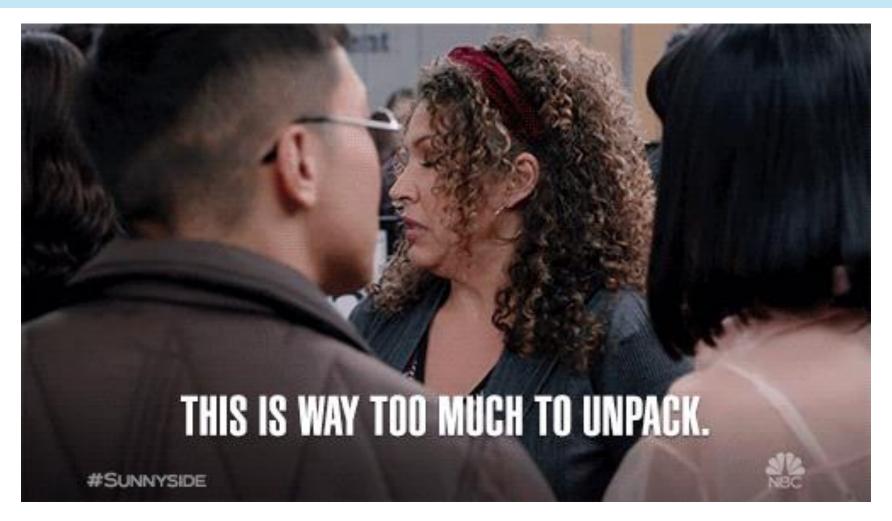
The written curriculum aligns with the taught curriculum, which aligns with the tested curriculum.



Source: Virginia Department of Education



Unpacking the standards





Components of a lesson plan process

- Use of the VDOE Curriculum Frameworks and/or your division's curriculum and pacing guides
- The cognitive levels represented in the standards
- The learning intentions and success criteria developed and communicated to students
- Student assessment
- Considerations for making learning relevant
- Considerations for differentiation
- Consideration of the needs of students with disabilities, ELL, and students identified as gifted

Lesson Plan Documents

Teacher: Grade Level or Course: Biology		Date(s): Content or Unit: DNA & Protein Synthesis	
SOL/Learning Objective Specify the behaviors, conditions, and criteria. Indicate the verbs used in the Curriculum Francework. 6 Create 5 Evaluate 4 Analyze 3 Apply 2 Understand 1 Remember	Bio.5 e: The student will investigate and understand common mechanisms of inheritance and protein synthesis. Key concepts include historical development of the structural model of DNA. - Describe the basic structure of DNA and its function in inheritance. - Describe the key events leading to the development of the structural model of DNA. Bio.5 g: The student will investigate and understand common mechanisms of inheritance and protein synthesis. Key concepts include the structure, function, and replication of nucleic acids; - Explain the process of DNA replication. Bio.5 h: The student will investigate and understand common mechanisms of inheritance and protein synthesis. Key concepts include events involved in the construction of proteins. - Given a DNA sequence, write a complementary mRNA strand (A-U, T-A, C-G and G-C). - Explain the process of protein synthesis, including DNA transcription and translation VERBS Write Investigate Understand Explain Describe Given a DNA sequence students will write the complementary strand with 90% accuracy.		
Essential Questions & Understandings/Bi g Ideas Look for Essential Questions that are overarching or topical	Every single living organism known to mankind has a universal genetic code based in DNA. The differences that we can see between all life forms on earth are due to different codes written by only four different bases in DNA. The study of DNA and protein synthesis is often called the "Central Dogma of Biology" because tracking the creation of a protein from DNA to RNA and then finally to a functional protein is the sole basis of how human life is able to exist. 1. How are genes related to traits?		



Guidance from VDOE: Instruction



INSTRUCTION CHECKPOINT

As school divisions support students to mitigate the effects of unfinished learning due to the pandemic, they may need to make adjustments to their school days, school calendars, and instructional delivery to meet the needs of students and requirements on building capacity and social distancing. School divisions should strengthen collaboration with summer and after school partners and organizations. As leaders and educators review and revise instruction, consider the following key recommendations and reflections:

- Provide access to high-quality instructional materials (HQIM) that support deeper learning.
- Create opportunities for cross-curricular connections.
- Collaborate with school counselors and mental health professionals to integrate social emotional learning (SEL) support.
- Provide on-demand tools for teachers to support equity reviews of instructional resources.
- Utilize a tiered approach to teaching for mastery and include differentiated learning strategies for students arriving already knowing the content.
- Utilize VDOE Standards of Learning, Curriculum

KEY POINTS FOR CONSIDERATION

Framework, and Competencies when planning instruction: Career & Technical Ed., Computer Science, Digital Learning Integration, Driver Ed., Early Childhood Ed., Economics & Personal Finance, English, Fine Arts, Health, History & Social Science, Mathematics, Physical Ed., Science, World Language

LEADER REFLECTIONS:

- How do we support classroom teacher choice and voice in instructional decisions for classroom materials, resources, and professional development?
- How do we integrate targeted SEL supports across the learning environment and instructional program?

 What does the response to intervention to support unfinished learning look like across the school division?

EDUCATOR REFLECTIONS:

- How are we identifying social emotional and academic areas of needs and providing targeted support?
- How do we include student choice and voice in classroom instruction and assessment and daily routines?
- What does response to intervention to support unfinished learning look like in our classroom?

No new no

Source: (2021) Virginia LEARNS: Navigating Virginia in Uncertain Times



Instruction Continued

LEADING

Use creative scheduling to provide collaboration time during the school day to support planning for instruction, remediation, acceleration, and intervention.

Create avenues for educators to share best practices and learn from one another and other professionals within the school, school division, and/or regionally.



RECOVERING

Utilize <u>VDOE resources</u> as part of the instructional planning process.

Solicit feedback from school leaders and educators to determine what individualized or group professional development is needed to support student learning gains.



ENGAGING

Provide engaging and active instructional experiences and resources that allow students to see themselves.

Develop partnerships with local museums and organizations to incorporate resources supporting the local culture and history into the instructional program.



NURTURING

Create a culture that integrates SEL as a part of daily instruction. Consider the social emotional wellness of the educators and learners in the creation of the school culture. Include families and the school community in this process.

Conduct a needs assessment to determine SEL needs for students and align resources with these needs.



ASSESSING

Consider a division or school level walkthrough to determine instructional strengths and areas of need (surveys, learning walks, library audit, meetings, data, etc.) and use available funding to address them.

Use formative assessments, informal assessments, creative strategies for students arriving with unfinished learning.



SUCCEEDING

Conduct focus group meetings with students to gather feedback on current learning experiences and desired future learning experiences.

Create a division or school level expectations' document that list division wide initiatives and available resources.



Source: (2021) Virginia LEARNS: Navigating Virginia in Uncertain Times



Academic TFI 1.4c & 1.5 Relevant Objectives & Performance Measures

Learning Intention

Describe how teacher clarity influences instructional planning

Success Criteria

Explain how to include components of teacher clarity during the planning process



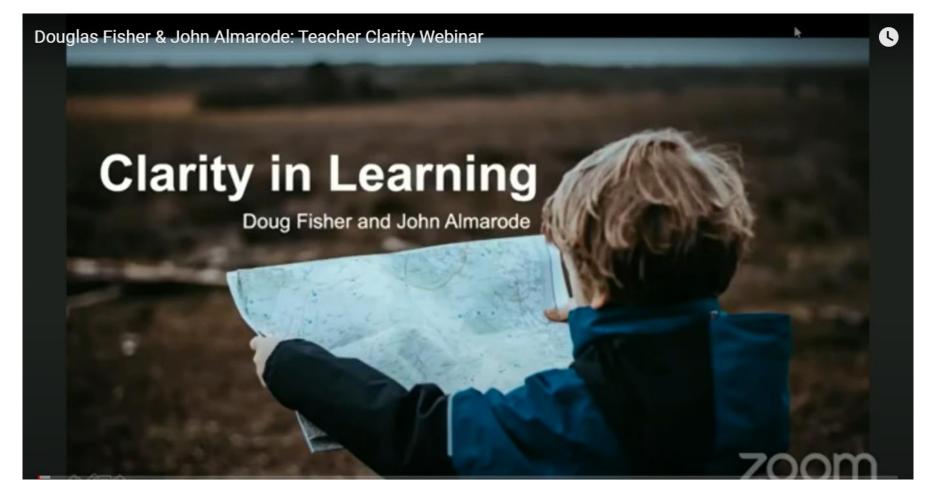
Teacher Clarity





Teachers identify the most critical parts of instruction: learning intentions, success criteria, and learning progressions.

A word about teacher clarity





Teachers with clarity know...

Where am I going?
How am I doing?
Where to next?





Students can answer these questions...

What am I learning today?
Why am I learning it?
How do I know I have learned it?





Academic TFI 1.4c Relevant Objectives

Learning objectives are matched to real world relevance and student experiences.

Evidence:

- Lesson plans
- Minutes from collaborative planning sessions
- Walkthrough data
- Student survey data



Learning intentions...

"explicitly focus instruction on guiding students toward proficiency with the content knowledge and skills expressed in the standards document."



Source: Dean, C.B., Hubbell, E.R., Pitler, H., & Stone, H. (2012)



A learning intention...

- describes what students must know, understand, and/or do in lesson-sized chunks.
- is aligned to the standards (i.e., declarative, procedural, and/or conditional knowledge).
- focuses on student learning, not what they will do.
- is shared throughout daily lessons to guide student learning.

Source: Fisher, D. & Almarode, J. (2018)





Learning intentions

- match to students' experiences;
- match to students' background; and
- are relevant.



Include social learning intentions:

I am learning to work collaboratively with my peers in critically analyzing our ideas.

I am learning to work collaboratively with my peers in making observations about animal habitats.





Teacher explanation

Learning Intentions in the Secondary Classroom



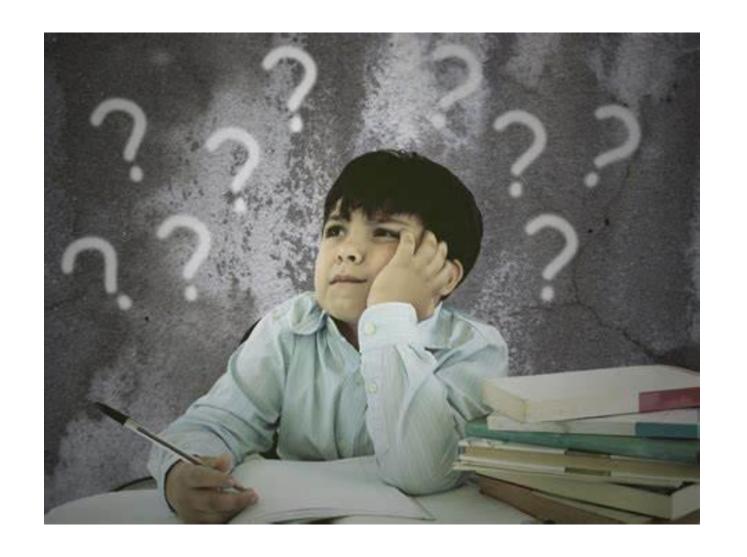
Academic TFI 1.5 Performance Measures

Measures of student performance include goals with success feature criteria and are communicated to students.

Evidence:

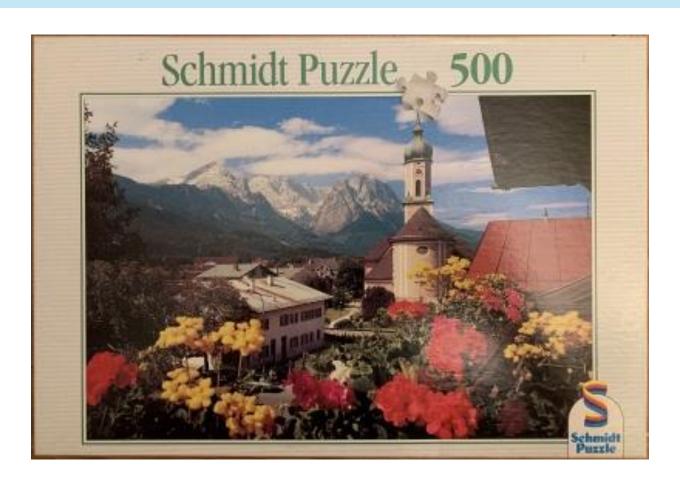
- Lesson goals include success feature criteria
- Student rubrics and/or checklists
- Minutes from collaborative planning sessions
- Performance based assessment





How will students know if they have achieved the learning intention?

The box puzzle analogy





Success criteria need to be...

- Linked to the learning intention
- Written in student friendly language
- Easy to understand
- Specific, concrete, and measurable
- Providing support to the student
- Providing the basis of feedback
- Revisited throughout the lesson
- Created with input from students

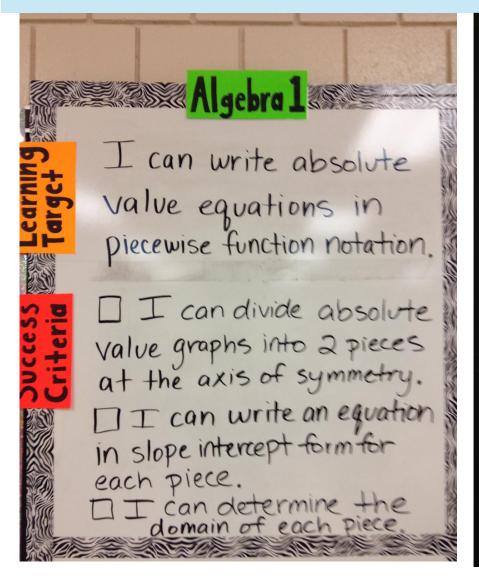
Source: Archer, A, (2018); Assessment for Learning

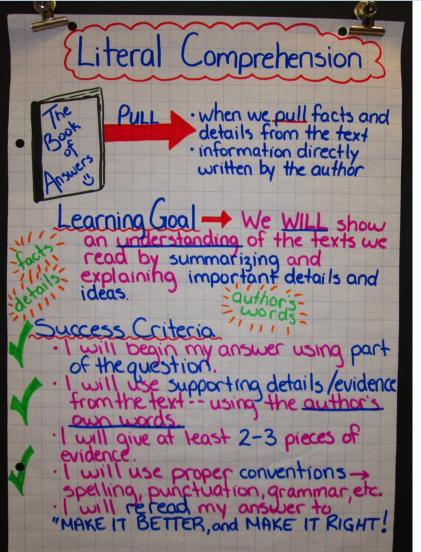


Defining success criteria is an equitable practice.



Classroom examples





Single Point Rubric

Instructor: Mrs. Pereira

Course: Design Technology- Digital Design

Learning Target: Powerful presentations effectively communicate information.



	Concerns Areas that Need Work		Criteria Standards for This Performance	Advanced Evidence of Exceeding Standards
		Criteria 1: PLANNING (storyboard/graphic organizer)		
		Detailed planning (storyboarding/graphic organizer) is evident. The storyboard was followed closely during animation.		
		Criteria 2: TEXT Text supports the information being communicated and is appropriate in at least 3 of the following: - Size - Color - Font - # lines and words		
		Criteria 3: CONTENT Content is in authors' own words with 1-3 errors in: spelling and grammar		



Academic TFI 1.4a Evidence-Based Practices

Learning Intention

Understand how to select and use evidence-based practices

Success Criteria

Use the Selection of **Evidence-Based** Practices tool to select an evidencebased practice/program to use in my classroom or school



Academic TFI 1.4a Evidence-Based Practices

Teachers strategically select and use evidencebased practices that are supported by the division/school and matched to learner needs.

Evidence:

- Lesson plans
- Initiative maps
- Tier definitions
- Resource maps
- Quality core instruction guides
- Walkthrough tool/document or data
- Meeting minutes reflecting use of selection tool

Practices

Promising practice

Researchbased practice



Evidencebased practice

Emerging practice





Definition

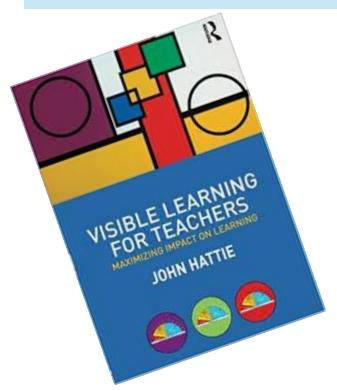
Evidence-based Practices

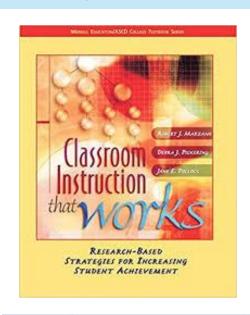
Skills, techniques, and strategies that are supported by research that shows the practice or program works (i.e., improves student outcomes).

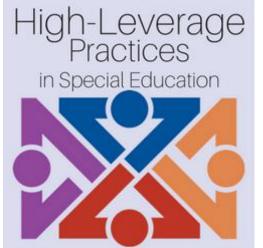
Sources: McIntosh & Goodman, 2016; IRIS Center, n.d.

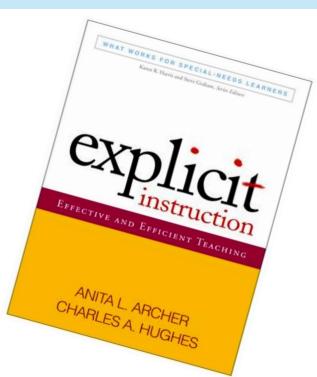


Sources for Evidence-Based Practices





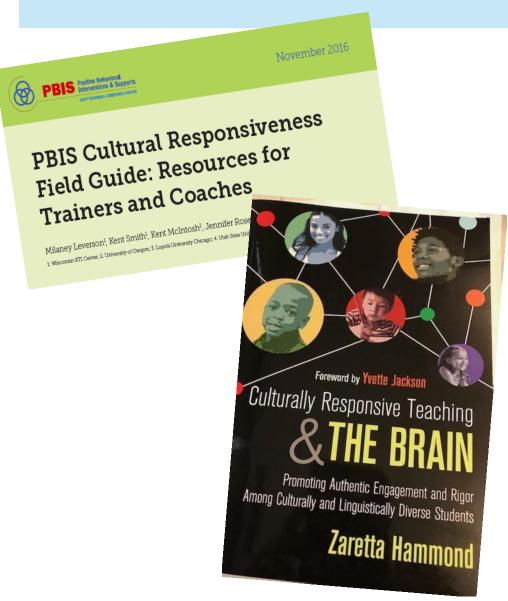








Cultural Responsiveness



- Deepen background knowledge
- 2. Cultivate cognitive routines
- 3. Build word wealth

Amielle Major, "How to Develop Culturally Responsive Teaching for Distance Learning" QKED 5/20

Selection of Evidence-Based Practices: Side 1

Selection of Evidence Based Practices for Reading, Math, and Behavior: Is it the right thing to do? Do we think we can do it the right way?

	DATA	PRACTICES	STSTEIVIS		
NEED		EVIDENCE	RESOURCES		
É	Do we have data that supports the need?	s there research to support its use?	Is there time and money for adequate training?		
É	Have we considered parent and community support?	Is there research to support its use with a particular population?	Is the enhanced department able to support to P if need ?		
É	Will this EBP support a school improvement or continuous improvement to I?	Is the effect size sufficient?	Is there time and money for adequate		
É	Is there data specific to the EBP that can serve as a component of process monitoring?	Is it conflictive or is there something less expensive that yields similar results?	READINES THE WE		
Œ	Can the data be communicated to start hts (feedback) and parents?	s there a fidelity checklist or tool?			
É	Is there a system in place to evaluate the data to determine outcomes?	FIT	the ershipe ingtanutin?		
		Are there competing initiatives?	 Have staff members been selected to implemental 		
		Is there clarity about where the initiative fits in the tiered system?	CAPACITY VVCI Y		
		Is there sufficient time in the schedule for the EBP?	Has the coach or expert on the EBP been identified as a primary assistant and communicator?		
			★ Is the EPB easily replicated?		
			Does the division support the EBP?		
			Can families be shown how to support the EBP?		

Resources:

Collaborative on Academic, Social and Emotional Learning: www.casel.org

Evidence Based Intervention Network: http://ebi.missouri.edu/

Evidence-Based Behavioral Practices: http://www.ebbp.org/

National Center on Intensive Interventions http://www.intensiveintervention.org/

Promising Practices http://www.promisingpractices.net/

SAMHSA Registry of Evidence-Based Program and Practices: http://nrepp.samhsa.gov/Index.aspx

RTI Action Network http://www.rtinetwork.org/

What Works Clearinghouse by the USDOE Institute of Education Sciences: Using Student Achievement Data to Support Instructional Decision Making http://ies.ed.gov/ncee/wwc/pdf/practice_guides/dddm_pg_092909.pdf



Selection of Evidence-based Practices: Side 2

Evaluation of Evidence Based Practices: Did we do it the right way? Did it work the way we planned?

	DATA	PRACTICES	SYSTEMS	
NEED		EVIDENCE	RESOURCES	
	Does the data suggest that this EBP was successful?	Has fidelity of implementation been measured?	Are the materials organized and categorized by an assigned person?	
ť	Has the data been mined to determine the subgroups for whom the EBP was successful?	Is there evidence of an instructional match between student need and the EBP?	Is on-going assistance available in terms of coaching and training?	
*	Does the data suggest that this EBP is still needed?	FIT	CAPACITY	
		Does the EBP continue to support the school or division priorities?	Are there a sufficient number of trained implementers?	
		Does the EBP align with the standards and teaching matrix?	Is the EBP incorporated into a long-range plan to support outcomes	

Step One: Consider all of the resources from the resource mapping. Is it complete?

Step Two: Evaluate current EBPs, eliminate ones that aren't getting desired outcomes and select new EPBs as needed.

Step Three: Complete a Tier Definition document that outlines the EBPs to be used in school and division.



Evidence-based Practices and Programs: School



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School Resource Ma

Tier I: Resources for Behavior, Ac	ademics, and Social	Emotional Wellness
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Tier I: Resources for Behavior, Academics, and Social Emotional Wellness						
PROGRAM/PRACTICE				IMPLEMENTATION		
Name What is the name of the Program or Practice?	Target Population Which grade, group, etc of students does this program or practice serve?		Evidence Based Is the program or practice based on evidence?	Eligibility What data indicates a need?	Progress Monitoring How is progress monitored? How often is progress monitored?	Fidelity How is fidelity measured?
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Learning Intentions

- Describe elements of an aligned curriculum
- Explore a process for lesson plan development
- Describe how teacher clarity influences instructional planning
- Understand how to select and use evidence-based practices



I can...

- List the elements of an aligned curriculum
- Explain a process for lesson plan development used in my school
- Explain how to include components of teacher clarity during the planning process
- Use the Selection of Evidence-Based Practices tool to select an evidence-based practice/program to use in my classroom or school



