

Curriculum Mapping



What is Curriculum Mapping?

A process for collecting and recording data related to:

- Core skills and content
- Learning processes
- Assessments (grade-level and subject-area)



Why Mapping?

To create a cohesive, stepped academic experience for all of our children.



Why Understanding by Design?


- Paradigm shift away from schools being a knowledge delivery system to children becoming life-long learners
- Fosters student engagement in the process of learning to create deep and lasting knowledge



Strands in each Subject/Grade-Level

Getting down to specifics

Language Arts Strands:

- Phonetics/Spelling
 - Comprehension
 - Literature
 - Grammar/Syntax/Punctuation
 - Writing
 - Handwriting
 - Oral Expression
- 

Enduring Understandings

Core ideas and processes that extend beyond the classroom

Enduring Understandings

Knowledge of imagery and figurative language is necessary for understanding and appreciating quality literature.



Essential Questions

Questions to provoke deep thought, discussion, inquiry, and new understandings and further questions

Enduring Understandings	Essential Questions
Knowledge of imagery and figurative language is necessary for understanding and appreciating quality literature.	How does an author's use of imagery and figurative language enhance a reader's understanding and appreciation of a story?



Assessments

Authentic and meaningful work to show understanding

Enduring Understandings	Essential Questions		Assessments
<p>Knowledge of imagery and figurative language is necessary for understanding and appreciating quality literature.</p>	<p>How does an author's use of imagery and figurative language enhance a reader's understanding and appreciation of a story?</p>		<ul style="list-style-type: none">• Discussions during literature circles• Students will identify and explain specific passages of figurative language in The Egypt Game using the 'Idioms' activity.• Students will create dictionaries or slide shows of idioms as they are found in class novels.

Skills & Content

What students learn and what they learn to do

Enduring Understandings	Essential Questions	Skills/Content	Assessments
<p>Knowledge of imagery and figurative language is necessary for understanding and appreciating quality literature.</p>	<p>How does an author's use of imagery and figurative language enhance a reader's understanding and appreciation of a story?</p>	<ul style="list-style-type: none">• Figurative language found in class novels, particularly The Egypt Game and Edgar Allan's Official Crime Investigation Notebook• Think alouds	<ul style="list-style-type: none">• Discussions during literature circles• Students will identify and explain specific passages of figurative language in The Egypt Game using the 'Idioms' activity.• Students will create dictionaries or slide shows of idioms as they are found in class novels.

Horizontal Alignment

Alignment within each grade-level

Grade 1 - Co-Curricular Horizontal Map

Adv. Based Learning - Library - Performing Arts - Physical Education - Science - Visual Arts

Adventure Based Learning	Library	Performing Arts				Physical Education	Science	Visual Arts
Enduring Understandings		Music	Drama	Dance/Movement	Performing Arts			
Enduring Understanding 1 (Environmental)	Enduring Understanding 1	Enduring Understanding 1	Enduring Understanding 1	Enduring Understanding 1	Enduring Understanding 1	Enduring Understanding 1 (Motor Skills and Movement Patterns Standard 1)	Enduring Understanding 1 Insects/Arachnids	Enduring Understanding 1
Playing in nature is fun and learning naturally happens.	Reading for pleasure or for information in a variety of formats is essential for life-long learners for personal enrichment and growth.	Melody is the part of music you can hum or whistle.	Actors must speak loudly and clearly in order to communicate stories and ideas to an audience.	Dancers use movement to demonstrate what they hear in music and to portray a variety of different characters and emotions.	The arts work well together and can be used to help understand concepts from other content areas.	Physically skilled students demonstrate competency in a variety of motor skills and movement patterns	Insects have the same overall body structure.	Artists persevere and problem solve
Enduring Understanding 2 (Social Emotional)	Enduring Understanding 2	Enduring Understanding 2	Enduring Understanding 2	Enduring Understanding 2	Enduring Understanding 2	Enduring Understanding 2 Learning Concepts Standard 2	Enduring Understanding 2	Enduring Understanding 2
Outdoor play with a community of learners requires skills that we can learn and practice.	An independent learner responds to literary and artistic expressions, uses effective strategies for personal exploration of ideas, and reads on his or her own by choice.	Rhythm is a combination of long / short sounds and silences in music.	Actors use their body and facial expressions to communicate stories and ideas to an audience.	Dancers worked cooperatively together to successfully perform a dance.	People all around the world use the performing arts to express themselves and have doing so since the beginning of time.	There is a connection between your mind and your body movements	Arachnids have the same overall body structures.	Artists around the world and throughout time have and continue to make art for different reasons.

Vertical Alignment

Alignment across all grade-levels

Language Arts - Vertical Map

Pequeños



Grade 6

Pequeños	Grandes	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
Enduring Understandings								
Phonetics/Spelling								
Enduring Understanding 1 Language has sounds that can be distinguished.	Enduring Understanding 1 Language has sounds that can be distinguished auditorily and expressed orally.	Enduring Understanding 1 The symbols of the English alphabet are used alone or in combination to represent all sounds in the English language.	Enduring Understanding 1 The symbols of the English alphabet are used alone or in combination to represent all sounds in the English language.	Enduring Understanding 1 Strong phonics and word analysis skills help students decode words and make them better readers and writers.	Enduring Understanding 1 Effective readers and writers use word analysis and phonics to accurately and quickly decode words.	Enduring Understanding 1 Understanding roots provides clues to the meanings of unlimited multisyllabic words.	Enduring Understanding 1 Understanding roots provides clues to the meanings of unlimited multisyllabic words.	Enduring Understanding 1 Understanding roots provide clues to the meanings of unlimited multisyllabic words.
Enduring Understanding 2 People and objects in the world have specific names.	Enduring Understanding 2 The letters of the alphabet represent sounds	Enduring Understanding 2 Readers use language structures, pictures and context clues to identify words and phrases.	Enduring Understanding 2 There are regular and irregular spelling patterns.	Enduring Understanding 2 Learning to spell non-phonetic words makes students better writers.	Enduring Understanding 2 Prefixes and suffixes change word meaning.	Enduring Understanding 2 Prefixes and suffixes change word meaning.	Enduring Understanding 2 Prefixes and suffixes change word meaning	Enduring Understanding 2 Prefixes and suffixes change word meaning
Enduring Understanding 2	Enduring Understanding 3 Letters are combined to make words.	Enduring Understanding 3 By knowing the structure of syllables and using the rules of spelling, we become readers and writers.	Enduring Understanding 3 Some sounds are represented by a single symbol, while other sounds can be represented by multiple symbols.	Enduring Understanding 3	Enduring Understanding 3 Understanding base words provides clues to the meanings of multisyllabic words.	Enduring Understanding 3 Words can be broken into syllables for encoding and decoding.	Enduring Understanding 3 Word skill studies help us learn to spell to expand our knowledge in writing, reading, and talking.	Enduring Understanding 3 Word skill studies help us learn to spell to expand our knowledge in writing, reading, and talking.

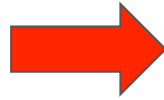
Mapping Timeline

	2016												2017												2018							
	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	
Core Mapping	ELA												Social Studies						Math						SEL							
Vertical Alignment									ELA				Soc. St.																			
Co-Curr. Mapping	Gr. 1						Gr. 4 - 5						Gr. K & 6																			
							Gr. 2 - 3																									
Horizontal Alignment									Gr. 1				Gr. 2-3				Gr. 4-5				K,6											

	2016												2017												2018												2019											
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							Gr. 2 - 3																																									
Horizontal Alignment									Gr. 1				Gr. 2-3				Gr. 4-5				K,6																											
Differentiated Instruction													directional research				Train & implement																															
Project-Based Learning													Discussion re integration				PEL Training				Integrate																											
Socio-Emotional Learning																	Review program				Consider assessment & implementation																											
Design Thinking																					Consider implementation																											
Tech	Identify & implement LMS				Integrate Common Sense Media curriculum into classrooms												Consider integration of programming & coding																															
6th grade	Define capstone				Identify initiatives to develop				Integrate SEL standards in Content/ Skills section of maps								Examine multi-cultural integration																															

Cycle of Curriculum Design

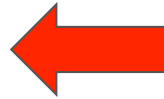
Inquiry/Analysis



Developing Ideas/
Brainstorming



Creating/Solving



Evaluating



Next Steps

- Realize the benefits of the process (curriculum revision and integration, planning/communication, professional development)
- Acknowledge the process is ongoing/flexible template and base for dialogue amongst faculty, with the parent body and board, and larger community (prospective families, other schools)