Envisioning a Common Core Curriculum

Authors throughout this special issue of American Educator advocate for a common core curriculum. But what should such a curriculum look like? How specific should it be, and in what ways should it support teaching? As long as it is truly a core curriculum—leaving about one-third of instructional time free for districts, schools, and teachers to add their own materials and projects—we'll venture to say that it should be detailed and specific, but not scripted. It should offer extensive support

for teaching, such as lesson plans and classroom assessments, but using those supports should not be mandatory. The new Core Knowledge Language Arts Program for kindergarten through second grade seems to fit that description. While the program is new, pilot testing has demonstrated its effectiveness, and refinements based on teacher and researcher feedback are ongoing. In addition, the Core Knowledge Sequence, from which it

is derived, has been used in schools across the country for 20 years. We hope this high-quality example will generate discussions throughout schools and statehouses about how detailed and supportive a common core curriculum for our nation ought to be.

Listening and Learning

How a Carefully Crafted Language Arts Program Builds Knowledge and Strong Readers

The Core Knowledge Language Arts Program for kindergarten through second grade consists of two separate strands: (1) Skills and (2) Listening and Learning. The Skills Strand teaches sounds and the letters that represent them, beginning with the simplest sound-letter correspondences, and presenting reading and writing in tandem as

inverse (decoding/encoding) procedures. Automaticity and fluency also are emphasized as students are given fully decodable texts to practice reading aloud independently. The Listening and Learning Strand builds students' listening comprehension—a prerequisite to reading comprehension—by exposing students to complex texts that are read aloud daily, systematically increasing their vocabulary and knowledge. In each grade, 12 subject-matter domains—shown on the next page—are explored through fiction and nonfiction texts.

Although most widely used reading programs could improve their approach to reading skills (such as decoding and fluency), their primary weakness is building comprehension. Based on the mistaken belief that reading comprehension relies more on strategies (like finding the main idea) than on knowledge, they only minimally extend children's

knowledge, leaving students unprepared for more advanced texts in later grades. Therefore, here and on the following six pages, we have chosen to show excerpts from the Core Knowledge Language Arts Program's Listening and Learning Strand. To download the Core Knowledge Sequence and learn more about the new program, see www.coreknowledge.org.



Comprehension Relies on Knowledge

Building Broad Knowledge: Key Domains Expand Children's View of the World					
Kindergarten:	Grade 1:	Grade 2:*			
1 Nursery Rhymes and Fables	1 Fables and Stories	1 Fairy Tales and Tall Tales			
2 The Five Senses	2 The Human Body	2 Early Asian Civilizations			
3 Stories	3 Different Lands, Similar Stories	3 Cycles in Nature			
4 Plants	4 Early World Civilizations	4 The Ancient Greek Civilization			
5 Farms	5 Early American Civilizations	5 Greek Myths			
6 Native Americans	6 Mozart and Music	6 Insects			
7 Kings and Queens	7 Astronomy	7 Westward Expansion			
8 Seasons and Weather	8 The History of the Earth	8 The U.S. Civil War			
9 Columbus and the Pilgrims	9 Animals and Habitats	9 Charlotte's Web I			
10 Colonial Towns and Townspeople	10 Fairy Tales	10 Charlotte's Web II			
11 Taking Care of the Earth	11 The Birth of Our Nation	11 Immigration			
12 Presidents and American Symbols	12 Frontier Explorers	12 Fighting for a Cause			

Building Subject-Matter Knowledge: Solid Preparation for Academic Courses in Later Grades

Literature

Fiction is essential, but all stories are not of equal value. The selected fables, stories, myths, etc., in this program are as much a part of building subject-matter knowledge as the texts about science and social studies. Fictional works appear in each of the domains, with stories like "Bear, Gull, and Crow" in the Native Americans domain and "The Grasshopper and the Ants" in the Seasons and Weather domain

Science

From insects to rainbows, children are very curious about the natural world. The science domains are sequenced to build knowledge within grades—as kindergartners progress from Plants to Farms to Seasons and Weather to Taking Care of the Earth—and across grades as children learn about The Five Senses in kindergarten and then The Human Body in first grade.

Social Studies

Instead of merely "activating" children's existing knowledge of their families and neighborhoods, these domains enlarge children's knowledge. Careful sequencing allows content and ideas to build on each other—such as by moving from Kings and Queens to Columbus and the Pilgrims to Presidents and American Symbols in kindergarten, and on to The Birth of Our Nation and Westward Expansion in first and second grades.

Building Coherent Knowledge: Big Ideas Draw on Multiple Domains and Subjects

In addition to the domains being carefully selected to build essential subject-matter knowledge, they are also purposefully combined within and across grades to develop coherent knowledge. Take a closer look at the kindergarten domains. Several of the science domains help students better understand agriculture, which is essential to the knowledge being built in the social studies domains since early America was largely an agrarian society. An example of carefully constructed coherence across grades is the progression (illustrated above with solid purple arrows) from Stories in kindergarten to Different Lands, Similar Stories, then Early World Civilizations and Early American Civilizations in first grade to Early Asian Civilizations, The Ancient Greek Civilization, and Greek Myths in second grade. Looser but still vital connections are also built in, such as the Plants, Farms, and Seasons and Weather domains in kindergarten supporting comprehension of Animals and Habitats in first grade and then Charlotte's Web in second grade (which is illustrated above with dashed arrows).

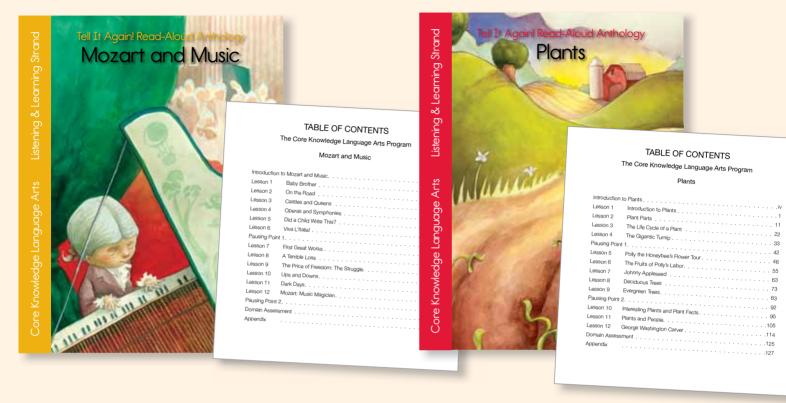
^{*}Kindergarten and first-grade materials are currently available. Second-grade materials will be available in the summer of 2011.

Knowledge Takes Time to Build

The Listening and Learning Strand of the Core Knowledge Language Arts Program contains 12 domains per grade, allowing each domain to be studied for at least two weeks using a variety of texts and content-related activities. This focus on

one topic at a time is the most efficient way to build students' knowledge and vocabulary. Mastering new topics and new words requires hearing, thinking about, and discussing them repeatedly. Sticking with a topic is also more engaging and

enjoyable, since the details (e.g., Mozart was a child prodigy who, at 5 years old, covered himself in ink as he began writing a concerto) are almost always more interesting than the introduction (e.g., Mozart was a composer).



Different Lands, Similar Stories

Why Emphasize Read-Alouds?

Reading aloud to children is absolutely essential to building the knowledge that enables comprehension. Written language contains vastly more sophisticated vocabulary, ideas, and syntax than spoken language. So listening to a text read aloud has benefits that listening to a lecture, watching a movie, or engaging in a class

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The Core Knowledge Language Arts Program

Different Lands, Similar Stories

Introduction	to Different I
	to Different Lands, Similar Stories
Lesson 1	Little Red Riding Hond
Lesson 2	Little Red Riding Hood .iv Lon Po Po .1 Pretty Salma 13
Lesson 3	Pretty Salma
Lesson 4	Tom Thumb. 25 Thumbalina 39
Lesson 5	Thumbelina
Lesson 6	Issun Boshi: One-Inch Boy
Lesson 7	Mufaro's Beautiful Daughtore 67
Lesson 8	Mulfaro's Beautiful Daughters 67 The Irish Cinderlad, Part I 79 The Irish Cinderlad, Part I 93
Lesson 9	
Pausing Point	
Domain Asses:	9ment
Appendix	

discussion cannot provide (although these activities have their own benefits). In addition, students' reading comprehension is not as advanced as their listening comprehension until they are 13 or 14 years old. The need for read-alouds in the early grades is obvious: young children cannot read at all, and children ages 5 to 8 are focused on decoding and gaining fluency. But even after age 9 or so, when most children can read some texts with comprehension, listening comprehension still far surpasses reading comprehension. Eighth-graders, for example, may be able to read their grade-level science textbook, but would still benefit from their teacher reading aloud a more advanced text, such as a popular book for adults by Isaac Asimov. Reading aloud is critical throughout elementary and middle school, even after students become independent readers. The knowledge and vocabulary they gain while listening will support their silent reading and allow them to move more quickly into advanced texts.

Listening & Learning Strand

Read-Alouds Make for Rich Lessons

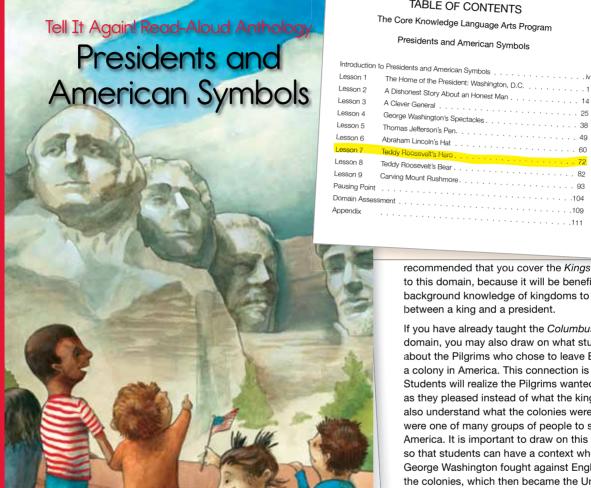
To maximize students' learning, each read-aloud comes with a complete lesson, including clear objectives for both the language arts skills and the content knowledge to be mastered, core vocabulary, comprehension questions, and a

broad array of extension activities. There are also "Guided Listening Supports" that prompt teachers to explain vocabulary and ask questions to actively engage students in processing and responding while they listen.

The lesson on the following three pages presents the "Teddy Roosevelt's Hero" read-aloud, which is part of the Presidents and American Symbols domain in kindergarten.

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Presidents and American Symbols



You will find the Instructional Objectives and Core Vocabulary for this domain below. The lessons that include Student Choice/ Domain-Related Trade Book Extensions, Image Cards, Parent Letters, Instructional Masters, and Assessments are also listed in the information below.

Why Presidents and American Symbols Are Important

This domain explores the lives and legacies of four famous presidents and introduces students to several national symbols, including the American flag, the Statue of Liberty, the White House, and Mount Rushmore. Students begin by learning the basics about our government, what a president is, what a president does, and how a person becomes president. It is highly

to this domain, because it will be beneficial to draw on students' background knowledge of kingdoms to make a comparison between a king and a president.

recommended that you cover the Kings and Queens domain prior

If you have already taught the Columbus and the Pilgrims domain, you may also draw on what students already learned about the Pilgrims who chose to leave England and later started a colony in America. This connection is important in two ways: Students will realize the Pilgrims wanted the freedom to worship as they pleased instead of what the king wanted; students will also understand what the colonies were, and how the Pilgrims were one of many groups of people to set up colonies in North America. It is important to draw on this background knowledge so that students can have a context when they learn about how George Washington fought against England and won freedom for the colonies, which then became the United States of America. Students start out by learning about two of our country's founding fathers, George Washington and Thomas Jefferson. They will hear about the legend of Washington and the cherry tree, and his role as a general in the American Revolution and as the first president. They will then continue on to learn about Jefferson's writing talent and the Declaration of Independence.

Students will also learn that when the colonists decided to fight for their freedom from England, they themselves were keeping freedom from a large number of African-American slaves. The domain then covers Abraham Lincoln, the president of our country during the Civil War, and his role in ending slavery only about two hundred years ago.

Finally, the domain segues to Theodore Roosevelt, who remembers as a child when Abraham Lincoln died, and how this hero made an impact on his growth as an adult and later his presidency. Students will also learn about Roosevelt's love for the outdoors and how he worked for nature conservation.

The domain concludes with a story about the carving of Mount Rushmore, which commemorates the four presidents presented in this domain: George Washington, Thomas Jefferson, Abraham Lincoln, and Theodore Roosevelt.

iv Presidents and American Symbols | Introduction

Teddy Roosevelt's Hero 🥞

Lesson Objectives

Core Content Objectives

Students will:

- Recognize Theodore Roosevelt as an important presider United States
- Know that Theodore Roosevelt overcame childhood he
- Know that Theodore Roosevelt loved the outdoors

Language Arts Objectives

Students will:

- Use agreed-upon rules for group discussions, i.e., log and listen to the speaker, raise hand to speak, take "excuse me" or "please," etc. (L.K.1)
- Carry on and participate in a conversation over for turns, staying on topic, initiating comments or res partner's comments, with either an adult or anoth same age (L.K.3)
- Identify and express physical sensations, menta emotions of self and others (L.K.4)
- Listen to and understand a variety of texts, incl stories, fairy tales, fables, historical narratives, text, nursery rhymes, and poems (L.K.11) L.K.13)

ad aloud, i.e., who, wh Answer questions that require making interpretations, judgments, or giving opinions about what is heard in a aloud, including answering "why" questions that require recognizing cause/effect relationships (L.K.17)

 Make personal connections to events or experiences in aloud and/or make connections among several read-alo

- Learn new words from read-alouds and discussions (L.K.
- Retell important facts and information from a read-aloud

Core Vocabulary

education, n. What someone has learned

'', Gic. (L.K.15)

Example: Because of her good education, Leah knew a lot about Variation(s): none

expert, n. Someone who knows a lot about a subject Example: The zookeeper is an expert on wild animals and can tell Variation(s): experts

judge, ν. Το form an opinion about a person or a situation Example: You should not judge a person by his or her looks; you sl get to know the person. Variation(s): judges, judge

fou	14 - 51	judges, judged, judging	110,13	you st
es oth	At a Glance	Exercise		
	Introducing the Read-Aloud	What Have We Already Learned?	erials	Minu
10	Presenting the Read-Aloud	Personal Connections Purpose for Listening		
:	Discussing the Read-Aloud	leddy Roosevelt's Here		10
. [Comprehension Questions Word Work: Expert		10
E	extensions Co	Omplete Remainder - 64		10
7	ake-Home Material	Omplete Remainder of the Lesson Later in the Day Image Review		5
		Parent Letter Instructional Mas	Ster 7D 1	15
© 201	O Core Knowlost			

Teddy Roosevelt's Hero

Introducing the Read-Aloud

10 minutes

What Have We Already Learned?

Remind students that they have heard the stories of three former U.S. presidents so far in this domain. Tell students that you are going to say a statement about one of these great men and they are to name which of the three presidents the statement is about. Tell students their three choices: George Washington, Thomas Jefferson, and Abraham Lincoln.

- This president was admired for his honesty and has a cherry tree legend about him. (George Washington)
- These two presidents were two of the Founding Fathers who helped create the United States of America. (George Washington and Thomas Jefferson)
- This man had a talent for writing, and wrote the Declaration of Independence, a statement saying that the colonists were free from England and had the right to live, to be free, and to be happy. (Thomas Jefferson)
- · This general fought England for American independence during the American Revolution. (George Washington)
- This man became the first president of the United States. (George Washington)
- This man became the third president of the United States. (Thomas Jefferson)
- This man known as "Honest Abe" was president during the U.S. Civil War and hid a paper under his hat that said all slaves were set free. (Abraham Lincoln)

Ask: "Which of these three presidents do you admire the most? What things have they done to make you feel this way?" Remember to repeat and expand upon each response, using richer d more complex language, including, if possible, any read-alor cabulary. If a student's response includes inaccurate factual formation, refer back to earlier read-alouds and/or illustrations

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nal Connections

prrect any misunderstandings.

sk: What is a hero? Explain that heroes are people you admire espect, and look up to because they have done good things in neir lives.

lave students share who their heroes are. Ask what these people have done to cause students to admire them so much. Tell the students that today they will be listening to a story about another one of the past presidents of the United States, Presidents Theodore Roosevelt. Explain to the students that, during the r aloud, they will hear about one of President Roosevelt's heroe

ose for Listening

Tell students to listen for the struggles that Roosevelt had as child, and how he overcame those problems as he became a adult. Ask students to identify Theodore Roosevelt's hero and hero of Theodore Roosevelt's father.

72 P

Presenting the Read-Aloud

10 minutes



1 An education is what someone has

2 Describe what you see in the

3 A funeral is when people gather to honor someone who has died.

4 Who remembers something good

5 People are gathering out of respect

for Abraham Lincoln. They want to

that Abraham Lincoln did?

say good-bye.

learned

picture

Teddy Roosevelt's Hero

Show image 7A-1: Theodore Roosevelt

Everybody gets scared sometimes, but we can learn what to do about it. Today we are going to hear a true story about someone who decided that he would never let being scared stop him from doing what was right. This is a story about young Teddy Roosevelt.

His mother called him "Theodore" when she introduced him to her friends. His own friends called him "T. R." for short. His father called him "Teddy" when saying something he especially wanted his son to remember. "Teddy," he might say, "there is nothing more important than a good education," and Teddy Roosevelt would listen. 1 Teddy always listened to what his father said.

Show image 7A-2: Young Teddy watches Lincoln's funeral train²

One day when Teddy was six years old, he and his younger brother, Elliott, were visiting their grandparents in New York City, where all the Roosevelt family lived. Teddy's friend, Edith Carow (CARE-oh), was with them, but the children were not playing as they usually did. They stood by a window with Mr. Roosevelt, Teddy's father, and watched a train slowly moving by, not far from the house. Mr. Roosevelt said, "Inside that train is Abraham Lincoln, the president of the United States. President Lincoln died, and that train is taking him back to his home for his funeral."3

Teddy asked, "Why is the train moving so slowly, Father?"

"A lot of people loved Abraham Lincoln, Teddy, and thought he was a very good man. 4 People are sorry he died. They want Lincoln's family to know this, and they are gathering along the train tracks to show how much they will miss him." 5



Does it sound like Mr. Roosevelt

or form an opinion about

What do you think it means that

to rub together"? Teddy's father

is saying that some of the best people he has known have been

someone "hardly had two pennies

admired President Lincoln? Why or

Show image 7A-3: Lincoln

Teddy thought about this. "Do you think Pres a good man, Father?" Teddy greatly admired his wanted to know how his father felt about the pre

Mr. Roosevelt replied, "I think Abraham Lincol man, Teddy, and a great president. A great president of people and do a lot of good things. Abraham L a poor family, but he worked hard. He was smart so many people liked him that he was elected pre remember, Teddy, you should \mathbf{judge}^7 a man not b clothes he wears or whether he lives in a fancy pa by what he tries to do and why. Why, some of the best have known hardly had two pennies to rub together." $^{\rm 8}$

Show image 7A-4: Frail Teddy Roosevelt

But Teddy Roosevelt rarely got out to meet different k people in different parts of town. Mostly he stayed quietle because he had medical problems that made it hard for I breathe. His mother worried that if he tried to be too active might get sick and die. $^{\rm 9}$ His father thought differently. "Te said, "only you can decide how you will live. I suggest you your body instead of being afraid to push it too hard. Look the eye and tell it, 'I will not let you beat me. I will not just watch while other people do all the important and exciting will truly live my life!"

Show image 7A-5: Active Teddy Roosevelt

Teddy listened. Through years of long, hard effort, he turned himself into someone who was all action. He built up his body lifting weights, becoming a strong swimmer and learning to wr and box. He spent more and more time outdoors, climbing hig mountains, hiking for miles and miles, and fishing and hunting.

Teddy built up his mind, too. His love for the outdoors led him to learn all about wild animals, birds, and fish. He becam such an $\mbox{expert}^{\,11}$ that famous scientists said, "Young Roosev

Presidents and American Symbols 7A | Teddy Roosevelt's Hero



why not?

(Point to Teddy's mother in the icture and note how she is peeking in on him because she is orried about him.)



followed his father's advice. does this suggest to you how Teddy felt about his

eone who knows a lot about

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rried a vound

woman named Alice Lee. He studied to become a lawyer and wrote a book about the U.S. Navy, which navy officers agreed was the best book on the subject. Then he started to work ir the government of the state of New York. Always doing a do: projects at once, he did all of them well.

Four years after Theodore and Alice married, Alice gave b to a baby girl, whom they named Alice. Theodore had never so happy. He loved his wife and new daughter and was now of the New York government leaders, doing work he knew wa helping people. Only two days after little Alice was born, how Theodore's lovely young wife became sick and died.

Show image 7A-7: Roosevelt out West

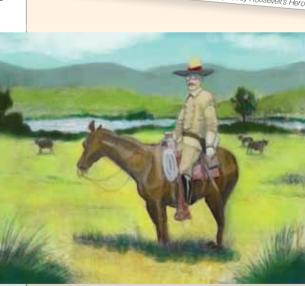


12 Back then, far west of New York, there was much open land and many cowboys.

Heartbroken, Teddy asked his older sister, Anna, to care for new baby. Then he left New York and traveled to South Dako land of wide-open prairies. 12 He bought a cattle ranch, work alongside the cowboys he hired to move herds of cattle, tryir to stay too busy to think about his sadness. There he began feel healthy again. He wrote, "My ranch-house stands on the brink. From the low, long veranda, shaded by leafy [trees], or looks across [to grassy] meadowland, behind which rises a line of

[steep] cliffs. This . . . is a pleasant place in . . . summer evenings when a cool breeze stirs along the river and blows in the faces of the tired men, who [lean] back in their rocking-chairs [what true

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American does not enjoy a rocking-chair?], books in gazing sleepily out at the [hills] in the after-glow of si

Show image 7A-8: Roosevelt the cowboy

However, Teddy did not look quite like other cowk wore glasses, and his cowboy outfit had been made clothing designer back East. He also served as a de special kind of policeman-while living in the West. chased three outlaws 13 for days before catching and them.

13 or neonle who had broken the law



Show image 7A-9: Roosevelt as a young politician

Teddy loved the West, but little Alice was in the E his daughter, so at last he went home. He decided, right. If such a terrible thing as losing my wife can hap warning, I must use every day I have in this world to do important things." He started working in government again so he could help people. Theodore Roosevelt did not know it then, but he himself would one day become president of the United States.

Discussing the Read-Aloud

15 minutes

Comprehension Questions

(10 minutes)

- 1. Who was Teddy Roosevelt's hero as a child? (his father)
- 2. Why did Teddy's father admire Abraham Lincoln? (Lincoln came from a poor family, worked hard, was a good leader, and was a kind, honest man.)
- 3. What was Teddy's problem as a child? (He had medical problems that made it hard for him to breathe.)
- What do you think gave Teddy the courage to build up his body and mind, even though he was a sick child? (the love and support of his father)
- What kinds of things did Teddy do because he enjoyed the outdoors? (climbed mountains; hiked; hunted; fished; learned about wildlife; etc.) What kinds of things do you enjoy outdoors? (Answers may vary.)

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Think Pa Rooseve president

Teddy Roosevelt's Hero 🚨

Extensions

Image Review

Show images 7A-1 through 7A-9. Have the students what they see in each picture and what they have lea is associated with the picture. As the students share to repeat and expand upon each response using rich more complex language, including, if possible, any r vocabulary.

Parent Letter

Send home Instructional Master 7B-1.

Word Work: Expe

1. In the read-aloud today, we heard that Teddy Roose became an expert in the outdoors and about animals

Say the word expert with me.

- An expert is someone who knows a lot about a topic.
- Someone is an expert if he or she knows how to do so very well or can answer most questions about a topic.
- Tell about someone you know who is an expert in some Try to use the word expert when you tell about it. (Ask tv or three students. If necessary, guide and/or rephrase the students' responses: "One person I know who is an expe ___. S/he is an expert in ___.")
- What's the word we've been talking about?

Use a Making Choices activity for follow-up. Directions: I am go to describe some people. If any of the people I describe sound like an expert, say, "expert." If any of the people I describe don't sound like an expert, say, "not an expert."

- someone who can answer all your questions about any type
- someone who is just beginning to learn to read (not an expert)
- someone who takes apart a watch, but cannot put it back
- someone who knows how to fix any problem with any



Complete Remainder of the Lesson Later in the Day