



Lexile 101,

An overview

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Today's Session

- What is The Lexile Framework for Reading?
 - Lexile measures for readers
 - Lexile measures for texts
- How can the Lexile Framework and Lexile measures be used?
 - to monitor progress toward goals of CCR
 - to better understand the relationship between student ability and text complexity and find “just right” texts for students
- Free tools and research-based resources for utilizing Lexile measures

The Lexile® Framework for Reading

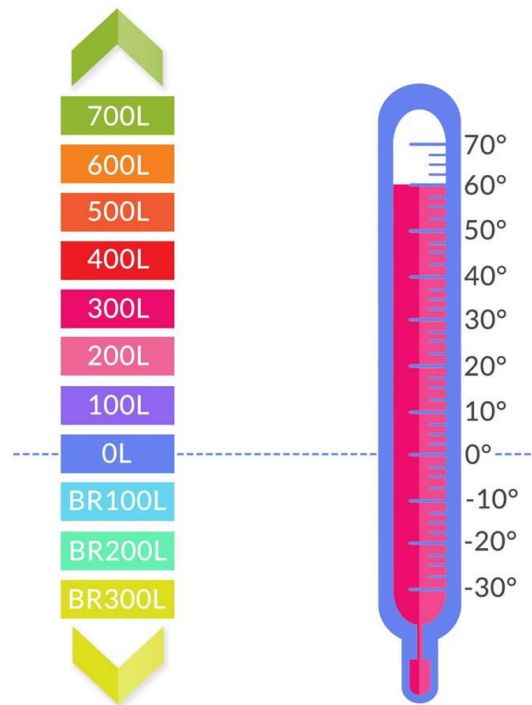
Where are you receiving the measures?



First...

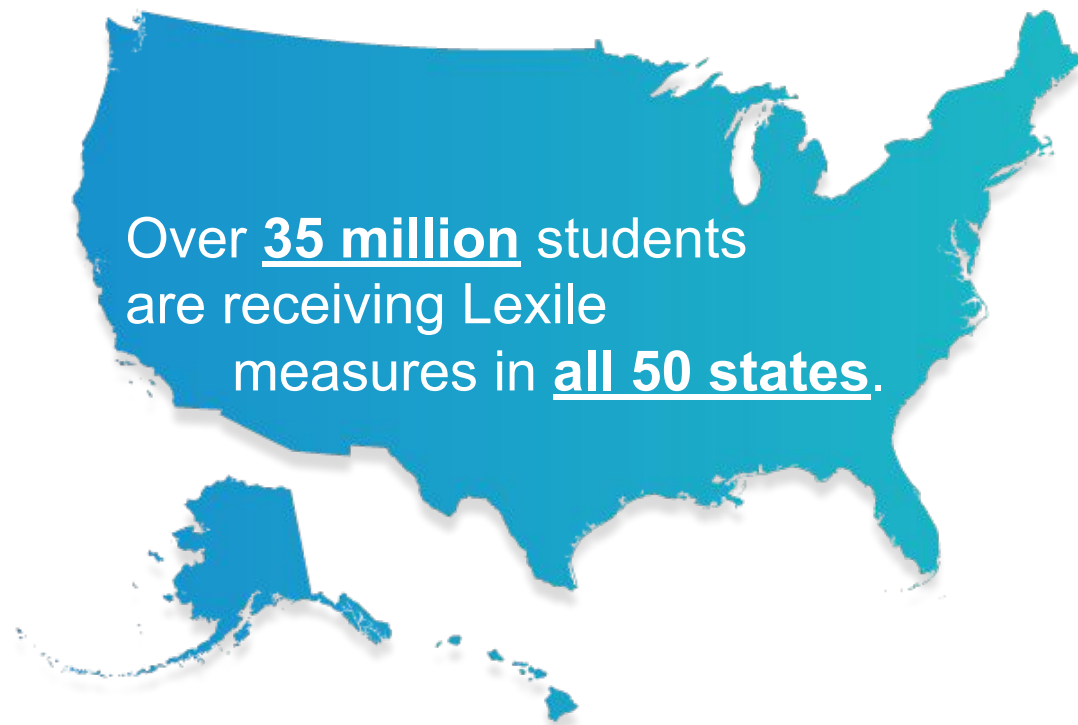
The Lexile Framework for Reading

- An educational tool that links reading material and readers under a common metric – the Lexile measure.
 - Measures the complexity of reading material
 - Measures the reading skill of individual readers

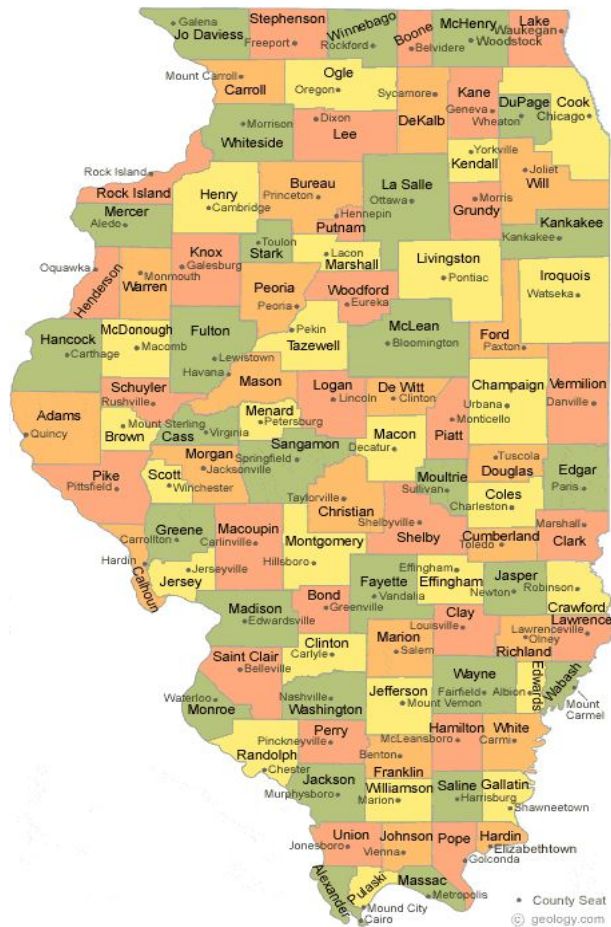


Lexile Scale < > Thermometer

The Big Picture...



Illinois Assessment of Readiness (IAR)



Students in
Grades 3-8,
ELA and Mathematics
will receive a
Lexile and Quantile
student measure
to indicate ability





This was made possible
through the
research
that was done to link the
Lexile and Quantile
Scales
to the
IAR Reading and Math
Scales



In the works...

MetaMetrics

will be working closely with the

Illinois State Board of Education

to create webpages on

<https://www.isbe.net/>

to provide

extensive information about the
Lexile and Quantile student measures
for educators and parents to access!



Students can also receive LEXILE student measures from numerous partner products

Over 65 popular reading assessments & programs, as well as over 20 state assessments, report Lexile measures.

aimsweb



empower
assessments

ETS® TOEFL Primary®

SRA
FLEX
LITERACY™

i-Ready®

Imagine Learning®

Istation

KidBiz 3000

myON

nwea
map



Performance Series™
WEB-BASED DIAGNOSTICS

RQ Reading
Inventory™

STAR™
Assessments



Lexile Measures Empower...

Teachers:

- Differentiate instruction
- Match text to student abilities for both independent work and scaffolded instruction

Students:

- Find books and other texts that match their unique interests and abilities
- Monitor and celebrate growth

Families:

- Participate in their child's learning by targeting reading materials at the “just right” level of challenge



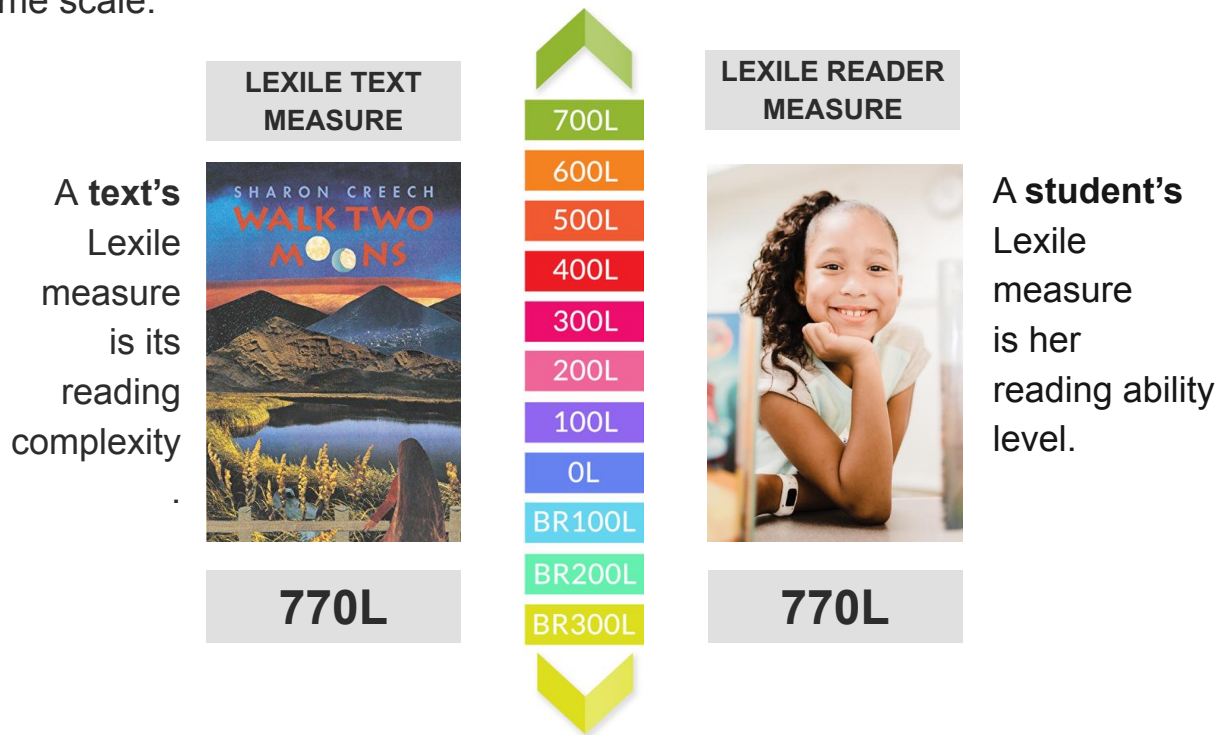
THE LEXILE SCALE...

Two types of Lexile measures



Text complexity and Student reading ability on the same scale

Lexile measures *match text and readers* on the same scale.

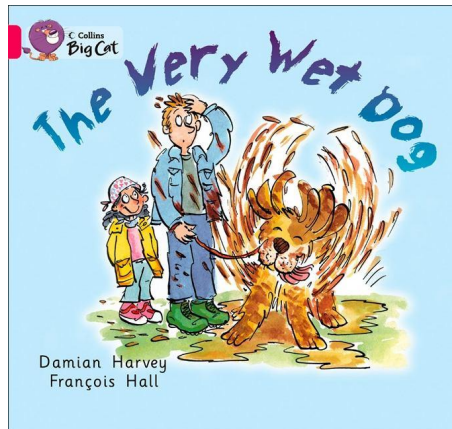


- Lexile measures typically range from below 200L for beginning readers to above 1700L for advanced readers.

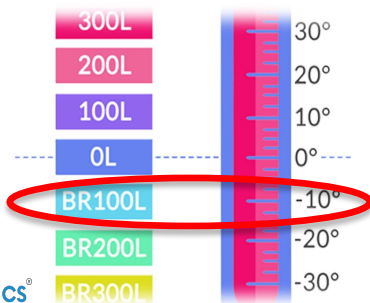
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The Lexile Framework for Reading



BR180L



In the car.

2



3



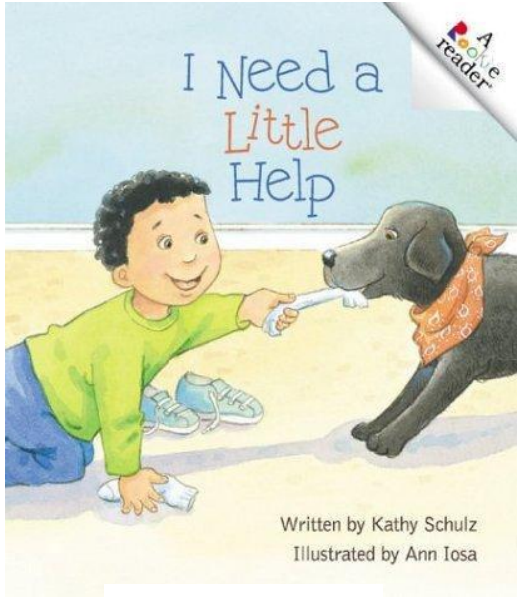
In the park.

4

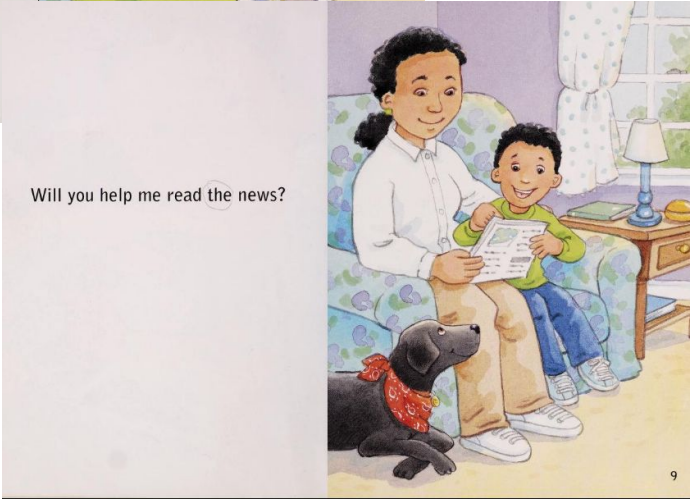
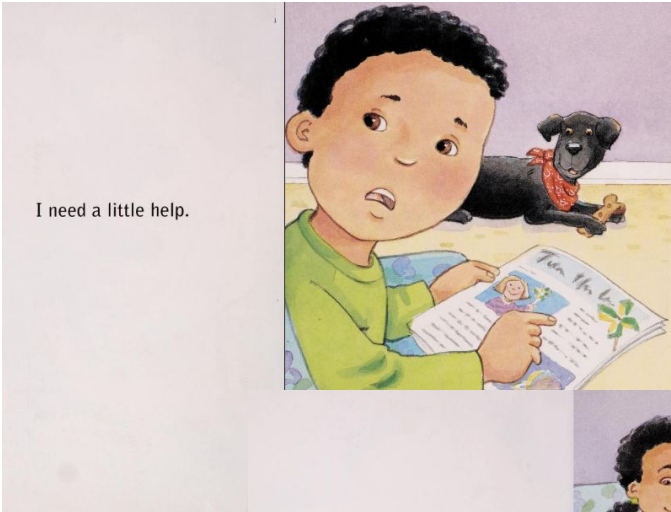
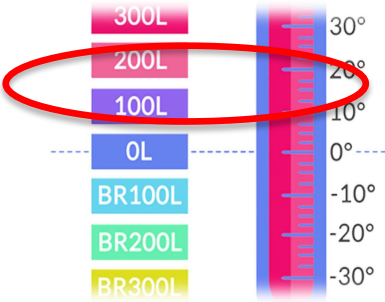


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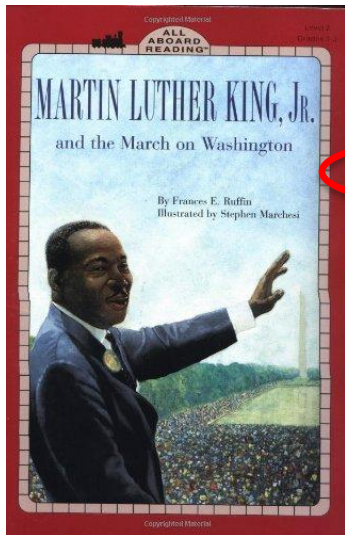
The Lexile Framework for Reading



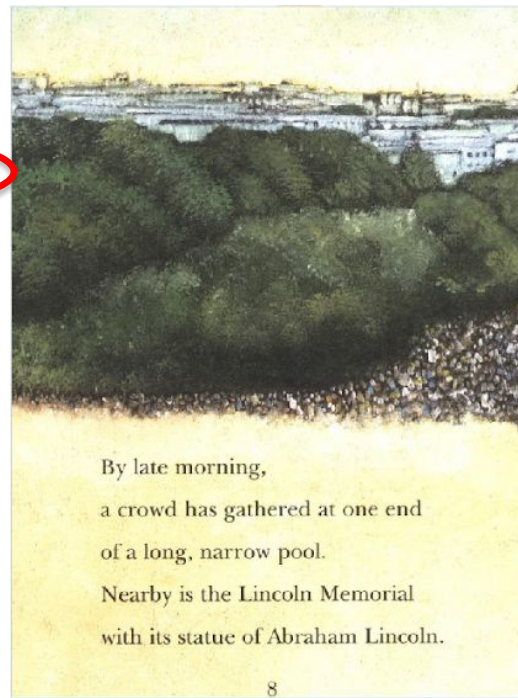
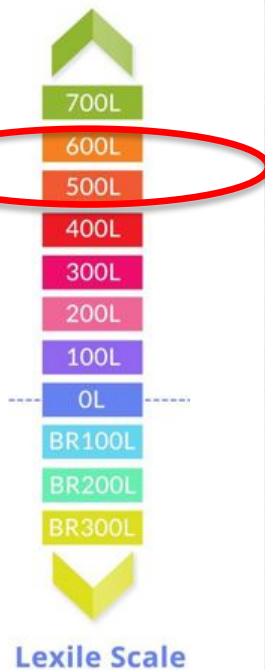
150L



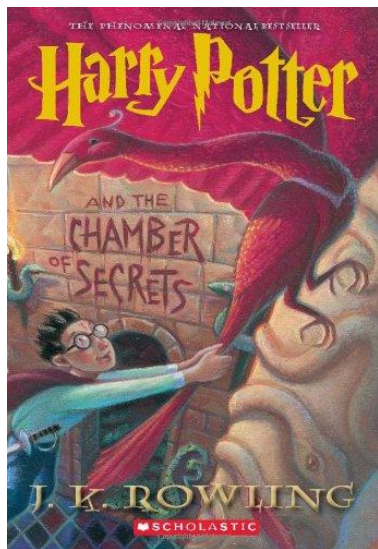
The Lexile Framework for Reading



550L



The Lexile Framework for Reading



940L

Lexile and Vocabulary by Chapter Indicators		
A Lexile measure along with words identified as having significant consequence or relevance are made available by chapter and intended to help inform instruction.		
LEXILE MEASURE	CHAPTER	TITLE
810L	18	Dobby's Reward
<div>suspend</div> <div> <div>enchant</div> <div>riddle</div> <div>heave</div> <div>term</div> <div>chamber</div> <div>resentful</div> <div>rare</div> <div>lend</div> <div>flourish</div> </div>		
suspend verb temporarily prevent from continuing or being in force or effect 'work on the dam was suspended'		
860L	17	The Heir of Slytherin
790L	16	The Chamber of Secrets
960L	15	Aragog
960L	14	Cornelius Fudge
870L	13	The Very Secret Diary
930L	12	The Polyjuice Potion
920L	11	The Dueling Club

Lexile and Vocabulary by Chapter

Indicators

Upper Level Indicators are provided for text with Lexile measures that are predictors of how difficult a text is to comprehend.

	EASIER	HARDER
> Sentence Length	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
> Word Frequency	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>

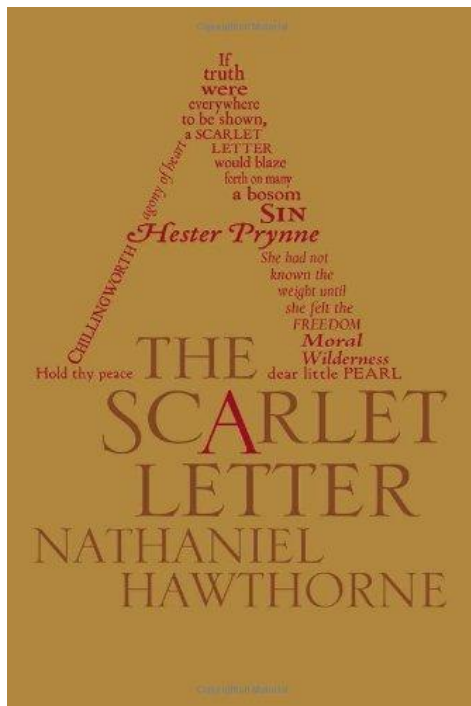
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CHAPTER THREE

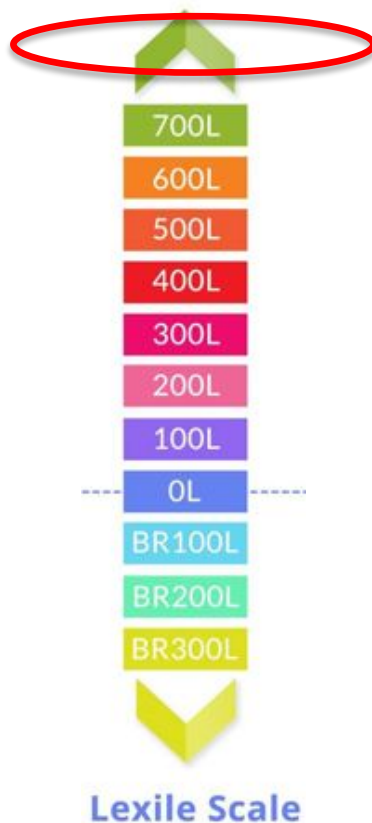
"Get in," Ron said.
 "But all my Hogwarts stuff — my wand — my broomstick —"
 "Where is it?"
 "Locked in the cupboard under the stairs, and I can't get out of this room —"
 "No problem," said George from the front passenger seat. "Out of the way, Harry."
 Fred and George climbed catlike through the window into Harry's room. You had to hand it to them, thought Harry, as George took an ordinary hairpin from his pocket and started to pick the lock.
 "A lot of wizards think it's a waste of time, knowing this sort of Muggle trick," said Fred, "but we feel they're skills worth learning, even if they are a bit slow."
 There was a small click and the door swung open.
 "So — we'll get your trunk — you grab anything you need from your room and hand it out to Ron," whispered George.
 "Watch out for the bottom stair — it creaks," Harry whispered back as the twins disappeared onto the dark landing.
 Harry dashed around his room, collecting his things and passing them out of the window to Ron. Then he went to help Fred and George heave his trunk up the stairs. Harry heard Uncle Vernon cough.
 At last, panting, they reached the landing, then carried the trunk through Harry's room to the open window. Fred climbed back into the car to pull with Ron, and Harry and George pushed from the bedroom side. Inch by inch, the trunk slid through the window.
 Uncle Vernon coughed again.

26

The Lexile Framework for Reading



1420L



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XII. THE MINISTER'S VIGIL

Walking in the shadow of a dream, as it were, and perhaps actually under the influence of a species of somnambulism, Mr. Dimmesdale reached the spot where, now so long since, Hester Prynne had lived through her first hours of public ignominy. The same platform or scaffold, black and weather-stained with the storm or sunshine of seven long years, and foot-worn, too, with the tread of many culprits who had since ascended it, remained standing beneath the balcony of the meeting-house. The minister went up the steps.

It was an obscure night in early May. An unvaried pall of cloud muffled the whole expanse of sky from zenith to horizon. If the same multitude which had stood as eye-witnesses while Hester Prynne sustained her punishment could now have been summoned forth, they would have discerned no face above the platform nor hardly the outline of a human shape, in the dark grey of the midnight. But the town was all asleep. There was no peril of discovery. The minister might stand there, if it so pleased him, until morning should reddens in the east, without other risk than that the dank and chill night air would creep into his frame, and stiffen his joints with rheumatism, and clog his throat with catarrh and cough; thereby defrauding the expectant audience of to-morrow's prayer and sermon. No eye could see him, save that ever-wakeful one which had seen him in his closet, wielding the bloody scourge. Why, then, had he come hither? Was it but the mockery of penitence? A mockery, indeed, but in which his soul trifled with itself! A mockery at which angels blushed and wept, while fiends rejoiced with jeering laughter! He had been driven hither by the impulse of that Remorse which dogged him everywhere, and whose own sister and closely linked companion was that Cowardice which invariably drew him back, with her tremulous gripe, just when the other impulse had hurried him to the verge of a disclosure. Poor, miserable man! what right had infirmity like his to burden itself with crime? Crime is for the iron-nerved, who have their choice either to endure it, or, if it press too hard, to exert their fierce and savage strength for a good purpose, and fling it off at once! This feeble and most sensitive of spirits could do neither,

THE LEXILE METRIC...

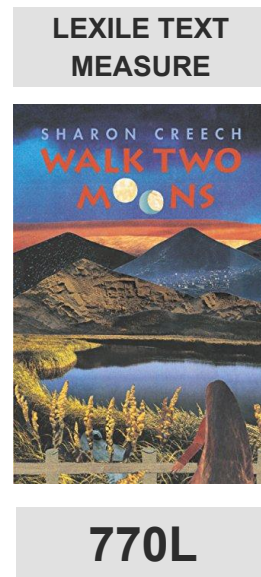
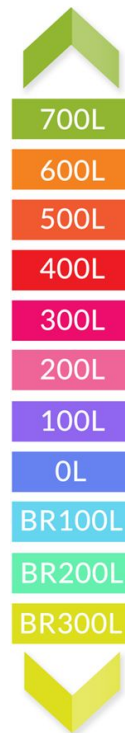
Two types of Lexile measures



Text complexity and Student reading ability on the same scale

Lexile measures *match text and readers* on the same scale.

A **student's**
Lexile
measure
is her
reading ability
level.



A **text's**
Lexile
measure
is its
reading
complexity



TEXT CHARACTERISTICS...

**What does the
Lexile text
measure mean?**



Text Characteristics that Influence Complexity

Syntactic Complexity

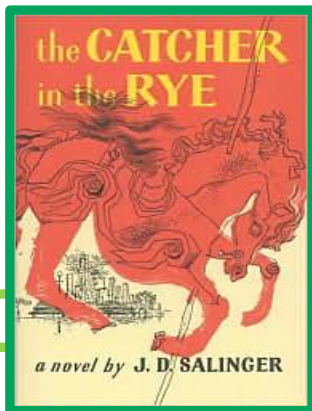
- The number of words per sentence
- Longer sentences are more complex and require more short-term memory to process

Semantic Difficulty

- The frequency with which words appear in MetaMetrics' Corpus of written text (which currently contains over 1.4 billion words)
- Less familiar words impede reading fluency and affect comprehension



Limitations of Lexile Text Measures



790L

*What Lexiles
don't
address!*

Text Characteristics

- Age Appropriateness of Content
- Text Support
- Text Quality

Reader Characteristics

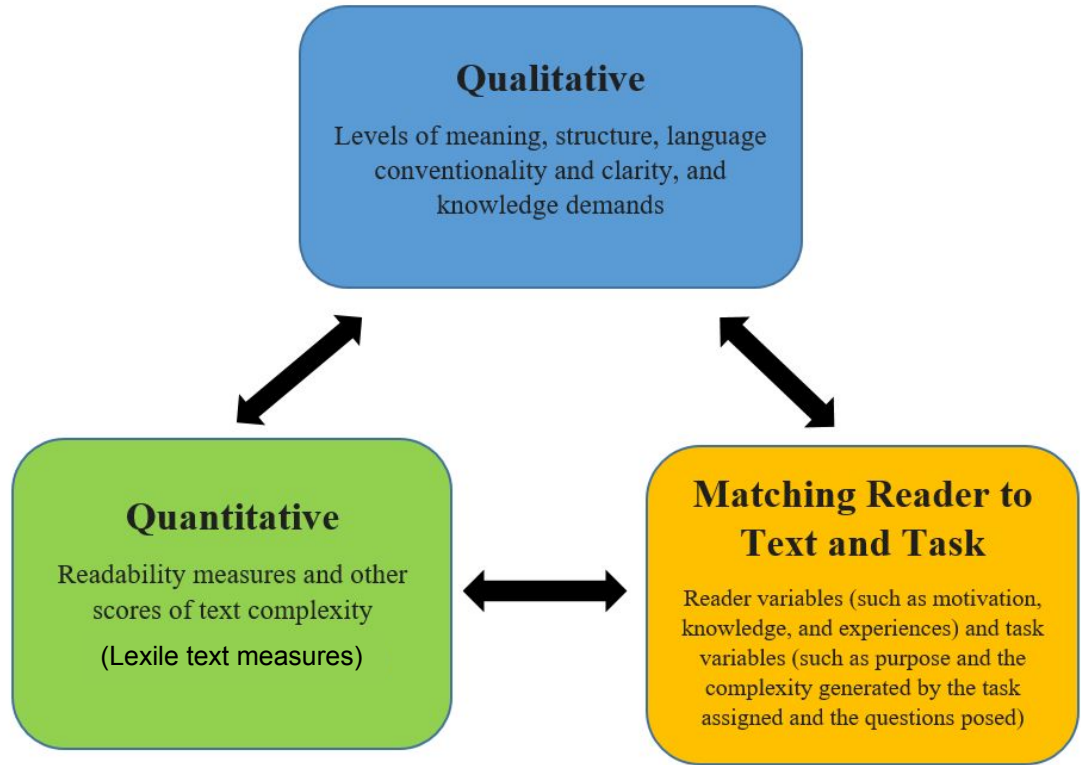
- Interest and Motivation
- Background Knowledge
- Reading Context and Purpose



Lexiles only measure text readability, so input from readers, parents, teachers, and librarians is always necessary.



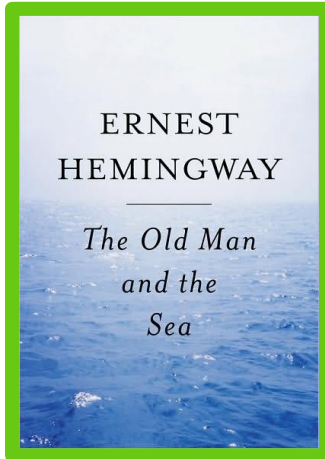
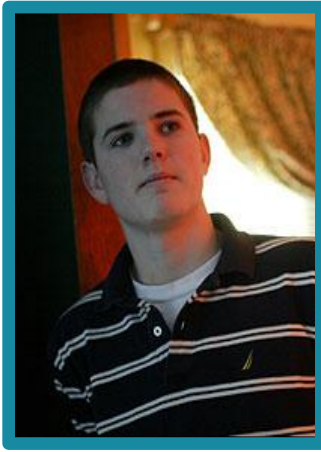
*All three elements
are equal and
should be
considered when
determining text
complexity
and
appropriateness.*





FORECASTING COMPREHENSION...

**What does the Lexile
reader measure
indicate?**



Reader Level

John's Lexile
reported on an
assessment is
940L

Lexile Range:
840L-990L

Text Readability

***The Old Man
and the Sea***

has a
Lexile text measure of
940L

= 75%
Comprehension
*(Independent reading
measure of a student)*



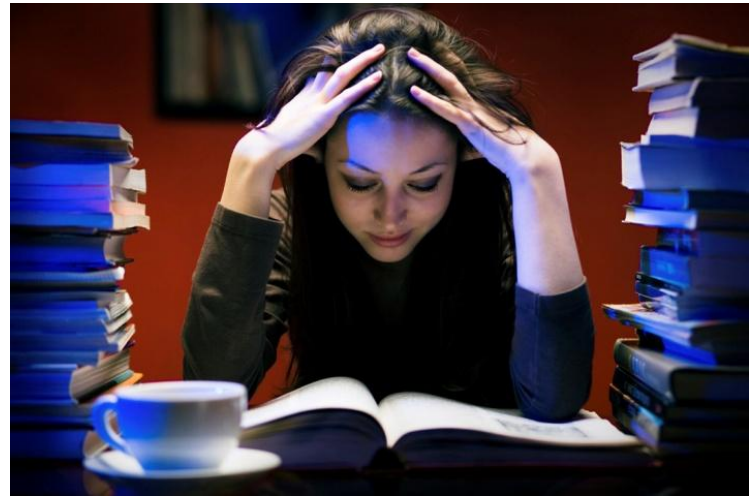
Why 75% Comprehension?

*Years of MM research
suggests that at 75%...*

A reader can:

- have a **successful reading experience** without frustration or boredom;
- achieve **“functional comprehension”** of the text; and
- be **sufficiently challenged** (by vocabulary and syntax) to improve.

“75% is the “right amount of challenge”



Why an Independent Reading Measure?

Educators can:

- Frontload schema before starting a unit of study in all areas of the curriculum
- Introduce as well as deepen understanding of concepts
- Create cooperative learning experiences for all learners
- Give students access to the curriculum you are mandated to teach
- Enable learners to take ownership of acquiring knowledge

***“Tell me and I forget, show me and I remember,
involve me and I understand.”***

Building Reading Skill *through Instruction*

To grow our readers and their skills in the classroom, we need to consider...

- The ability of the reader
- The complexity of the text
- The instructional scaffolding that may be needed for any pairing of a particular reader with a particular text





IMPLICATIONS FOR INSTRUCTION...

Making the Lexile Data Point Actionable

**Many Localities Provide
Free Access to
Resources Already Assigned
a Lexile measure of
Text Complexity**



Virtual Library:

Sample of Middle School EBSCO resources



Britannica School Middle
Find fast answers and homework help. Explore videos and articles on famous people and places. Discover maps, photos, and illustrations for school projects.



Explora Middle School
Leveled primary source documents, news articles, & videos organized by popular topics including art, literature, biography, business, government, current issues, geography, health, history, science & math. [Help Video](#)



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Collection offers more than 15,000 eBook titles across all academic subject areas including fiction and non-fiction.



Funk & Wagnalls New Encyclopedia
Over 25,000 records, covering an array of topics. Images, video, illustrations and biographies also offered. Database available through EBSCOhost.



Publications Finder
Search for popular magazines, periodicals, journals, educator and student resources. [Help Video](#)



Points of View Reference Center
Presents multiple sides of an issue. Provides rich content helping students realize and develop persuasive arguments and essays, better understand controversial issues, and develop analytical thinking skills. [Help Video](#)



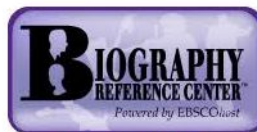
Literary Reference Center
Choose Full - Text-Classics (left menu) available with Read Aloud and Full Text. [Help Video](#)



Science Reference Center - Provides easy access to a wealth of full-text, science-oriented content including hundreds of science encyclopedias, reference books, periodicals, and other sources. [Help Video](#)



Health Source Collection of consumer health information providing access to full-text consumer health magazines and reference books. Includes medical dictionary.



Biography Reference Center
Comprehensive collection of full-text biographies and thousands of unique narrative biographies. Provides coverage for heavily researched biographies and genres. [Help Video](#)



History Reference Center
Covering both U.S. and world history topics - full-text database featuring historical reference books, magazines, journals and thousands of primary source documents. [Help Video](#)



NoveList K-8 Plus
Source of read-alike recommendations specifically for younger readers helping students find books that are just right for their reading level and interests.

Example of search results in EBSCO/Explora:

- ☐ All Results
- ☒ Magazines (281)
- ☐ Reviews (12)
- ☐ Biographies (2)
- ☐ News (1)

[Show More](#)

Filter by Topic

- ☐ chlorophyll (18)
- ☐ carbon dioxide (16)
- ☐ plants (13)
- ☐ solar energy (13)
- ☐ effect of light on plants (12)
- ☐ cyanobacteria (10)

[Show More](#)

Filter by Language

Filter by Database

- ☐ All Providers
- ☒ MAS Ultra - School Edition (3,685)
- ☒ Middle Search Plus (1,164)
- ☒ Primary Search (400)
- ☐ Complementary Index (72,590)
- ☐ Academic Search Ultimate (62,858)

[Show More](#)

10. What is Botany?



Periodical

By: Jones, Kelly. Monkeyshines on Health & Science. Jan2001 Botany, p3-3. 1 **Reading Level (Lexile): 700.** Database: Primary Search

Subjects: BOTANY; **PHOTOSYNTHESIS**; BIOCHEMISTRY; GASES from **plants**; OXYGEN; FOOD

[HTML Full Text](#)

11. Our Shining Sun.



Periodical

Scholastic News -- Edition 1. May/Jun2014, Vol. 70 Issue 8, Special section p2-4. 3. **Reading Level (Lexile): 560.** Database: Primary Search

Subjects: SOLAR heating; SOLAR energy; **PHOTOSYNTHESIS**; SOLAR cells; SUN

[HTML Full Text](#) [PDF Full Text](#) [Save PDF to Cloud](#) (2.3MB)

12. Scientists Say: Chlorophyll.



Periodical

By: Brookshire, Bethany. Science News for Students. 9/26/2016, p1-1. 1p. 1 Color Photograph **Reading Level (Lexile): 1390.** Database: Primary Search

Subjects: CHLOROPHYLL; CHLOROPLASTS; CARBON dioxide; GREENHOUSE gases; **PHOTOSYNTHESIS**

[HTML Full Text](#)

13. Turn Over a New Leaf.



Periodical

By: Janes, Patricia. Scholastic SuperScience. Sep2001, Vol. 13 Issue 1, p12. 1p. 1 Color Photograph **Reading Level (Lexile): 830.** Database: Primary Search

Subjects: **PHOTOSYNTHESIS**; **PLANTS**

[HTML Full Text](#)

Online Periodical Resources = Targeted Text

Using your periodical database, you can find short articles to print out or save in digital format for any areas of the curriculum.

Photosynthesis:

Changing Colors (650L)

Chemistry is Illuminating! (790L)

Turn Over a New Leaf (830L)

Response of a Deciduous Forest to the Mount Pinatubo Eruption:

Enhanced Photosynthesis (920L)

Losing the green (970L)

Life's greatest inventions: Photosynthesis (1090L)

The Photosynthesis "Oxygen Clock" Gets a New Number (1120L)

Human Appropriation of Photosynthesis Products (1230L)

Molecular Evidence for the Early Evolution of Photosynthesis (1380L)

Antioxidants in Photosynthesis and Human Nutrition (1420L)



650L article

Contents

[How
Photosynthesis
Works](#)

[TRAVEL QUIZ](#)

Changing Colors

[Find More Like This](#)

Section:

News Map

Fall leaves put on a spectacular show, but how do they change from green to yellow, orange, and red?

For kids who live in the Northeast region of the U.S. (see map), October is the best month for leaf jumping. This part of the country has some of the most spectacular fall **colors**, which result in major leaf piles.

Do you know how leaves change from green to yellow, orange, and red?

Trees need food to grow healthy. Instead of eating food, they make their own food in a process called photosynthesis (fo-to-SIN-thuh-sis, see below).

In the spring and summer, trees collect the ingredients for their meals--rainwater from soil, and sunlight and carbon dioxide gas from the air. Then chlorophyll (KLOR-o-fill), the chemical that gives leaves their green **color**, turns these ingredients into food.

The chlorophyll overpowers the leaves' true **colors**. For example, most leaves are yellow and orange, but the green chlorophyll hides these **colors**.

In the fall, when there are fewer hours of daylight, leaves begin to shut down the food-making process. The chlorophyll inside the leaves breaks down. As the green fades, we see yellow, oranges, and reds that were hidden in the leaves all along.

[How Photosynthesis Works](#)

To make food, plants need sunlight, carbon dioxide, and water. Plants drink water from the ground through their roots. Leaves absorb a gas called carbon dioxide from the air. Then, leaves use sunlight to turn water and carbon dioxide into food for the plant.

[TRAVEL QUIZ](#)

Read the map and map key to figure out the answers to the following questions. Then, fill in the correct circle.

1. In which state do leaves reach their peak first?

• Pennsylvania

• Maine

2. New Jersey's leaves change **color** the latest in the season because it's the farthest—

• south

• north

3. In which month do leaves reach their peak in Massachusetts?

• September

1420L article



Antioxidants in Photosynthesis and Human Nutrition

Barbara Demmig-Adams* and William W. Adams, III

The harnessing of solar energy by photosynthesis depends on a safety valve that effectively eliminates hazardous excess energy and prevents oxidative damage to the plant cells. Many of the compounds that protect plant cells also protect human cells. Improving plant resistance to stress may thus have the beneficial side effect of also improving the nutritional quality of plants in the human diet. The pathways that synthesize these compounds are becoming amenable to genetic manipulation, which may yield benefits as widespread as improved plant stress tolerance and improved human physical and mental health.

Photosynthesis Fuels and Protects Life on Earth

By converting solar energy into usable energy and building material, photosynthesis supports much of the life on this planet (Fig. 1). Photosynthesis' role as a carbon sink is also important in view of the role of atmospheric CO₂ in global warming. Yet photosynthetic productivity is threatened when the global environment turns more extreme. The mechanisms responsible for productivity and survival of photosynthetic organisms (plants, algae, and photosynthetic bacteria) in stressful environments are far from being fully understood. Understanding these is necessary to engineer photosynthetic organisms with enhanced stress tolerance.

Enhancing the photosynthesizers' own protective systems may also improve the nutritional quality of foods, because fundamental cellular signaling processes and protective mechanisms are highly conserved. Hence, many plant and algal products (often collectively termed "phytochemicals") are able to manipulate human cellular signaling and gene expression. For example, "phytoestrogens" (a group of plant flavonoids) mimic the human hormone estrogen. Plants produce these flavonoids as messengers in plant-microbe communication. It is less widely known that the tables can be turned by adding estrogen to soil, thereby fooling soil bacteria into "concluding" that they are receiving a signal from a plant inviting them to form a symbiosis (1). Human cells contain steroid hormone receptors derived from bacterial receptors; the human steroid hor-

mones binding to these receptors are structurally reminiscent of flavonoids but evolved much later (2).

Carotenoid pigments such as zeaxanthin and lutein (Fig. 2) protect photosynthesis under benign conditions as well as under a plethora of environmental stresses (3). These same pigments have been identified as possible protective agents in human vision and

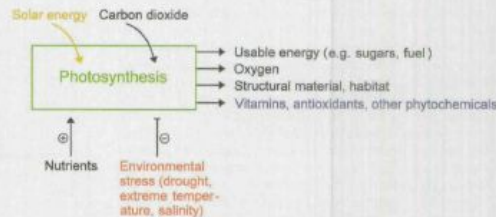


Fig. 1. Interactions of photosynthesis with the environment and humans. The features emphasized in this review are highlighted in color. The terms vitamins, antioxidants, and phytochemicals are not mutually exclusive. Major groups of phytochemicals (produced by photosynthetic organisms) include isoprenoids, phenolic compounds, sulfur compounds, and essential fatty acids. Marine algae produce the omega-3 fatty acids that accumulate in fish. +, factors that increase photosynthesis; -, factors that decrease photosynthesis.

immune function and in the prevention of cancer and heart disease (4). Improvements in amounts or functions of these and other phytochemicals may well aid both plant productivity and human health.

Photosynthesis and Global Change

Environmental stresses such as extreme tem-

perature, increased salinity, and extreme temperatures thus threaten crop productivity. It is hoped that crop resistance to these environmental stresses can be enhanced by genetic engineering.

Gene therapy in humans as currently implemented seeks to rectify mutations in single genes. Engineering of plants with improved nutrient quality and quantity similarly targets individual genes or pathways. The engineering of plants with enhanced stress resistance may require manipulation of complex traits and thus takes on the challenge of improving evolution's product—a far taller order. Therefore, the identification of any individual genes conferring an important part of stress resistance is highly desirable. Key protective mechanisms and the genes involved are beginning to be identified, as is the case for protection against oxidative damage resulting

from an excess absorption of solar energy, discussed in this review.

Protection of Photosynthesis Against Oxidative Damage

Photosynthesis is all about the collection of solar energy and its efficient conversion into chemical energy. Yet by their very nature, the



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Access literary works and authors throughout history, including full-text poems, plays, short stories, speeches and more.



Gale In Context: Middle School

Explore the most-studied topics including cultures, government, people, history, literature and more.



Occupational Outlook Handbook

The *Occupational Outlook Handbook* is a publication of the U.S. Department of Labor's Bureau of Labor Statistics that includes information about the nature of work, working conditions, training and education, earnings, and job outlook.



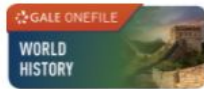
Gale OneFile: U.S. History

Search balanced coverage of events in U.S. history. Best for novice historians and academic researchers. Updated daily.



Gale OneFile: Vocations and Careers

Research a vocation, find an appropriate institution of learning and get assistance on job searches and maintaining a career.



Gale OneFile: World History

Access balanced coverage of events in world history and scholarly work being established in the field.

Virtual Library continued:

Sample of Gale Resources



Gale Academic OneFile

Quickly access articles from a database of scholarly journals and other trusted periodicals. Best for academic research.



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Author: Isabella Kwai
From: The New York Times

Sept. 3, 2020 852 words Article **1220L**

The battle against Covid-19 has ended an impressive growth streak, but other challenges will make it hard for "The Lucky Country" to match its past success. SYDNEY, Australia -- Australia's economic engine has run...

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From: Morning Edition

2020 995 words Audio file, Broadcast... **870L**

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Business Cycles New!

OVERVIEW



US Economy and Recession

Business cycles are a naturally occurring phenomenon within large economies. They are comprised of two states: expansion and contraction. Expanding economies feature stronger businesses, higher gross domestic product (GDP) values, higher employment rates, and greater production while contracting economies see reduced employment, income, and GDP, leading to a weaker economy. An economy is strongest at its peak and weakest within its trough. These cycles are particularly common in market economies, in which participants are free to trade goods in whatever manner they choose but also occur in mixed economies and command economies.

Economies may also become temporarily trapped in self-fulfilling cycles, leading to a disruption in the typical pattern of expansion and contraction. Recessions occur when the economy is suddenly...

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Economics

From: Gale In Context Online Collection

2019 931 words Topic overview **1210L**

Economics is a social science concerned with the production, distribution, and consumption of goods and services. Economists study how people and organizations generate and use their wealth, how wealth affects...

Recession

From: Gale In Context Online Collection

2020 1,198 words Topic overview **1330L**

A recession is a temporary economic downturn lasting for at least six months that has an observable effect on a nation's economy. A recession is typically said to occur when the gross domestic product (GDP) has decreased...

Stock Market

From: Gale In Context Online Collection

2019 1,222 words Topic overview **1210L**

The stock market is a network of markets and exchanges that investors use to buy and sell shares of publicly held companies. These shares, which are also known as stocks, represent fractional ownership stakes in a...

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Business Cycles:

- Historic Oil Bust Delivers A Gut Punch To 1 High-Flying Texas County **(870L)**
- To Survive The Bust Cycle, Farmers Go Back To Business-School Basics **(930L)**
- How 'long economic waves' could save capitalism **(990L)**
- Could 'boom and bust' cycles now be a thing of the past? **(1090L)**
- A global view can make you a smarter investor **(1100L)**
- The business cycle ain't dead yet **(1110L)**
- Value investing is on the comeback trail after a decade in the wilderness **(1200L)**
- AFTER THE BOOM **(1250L)**
- Recession **(1330L)**



Historic Oil Bust Delivers A Gut Punch To 1 High-Flying Texas County.



Date: 2020



From: Morning Edition

Publisher: National Public Radio, Inc. (NPR)



Document Type: Audio file; Broadcast transcript
Length: 995 words

Content Level: (Level 3)

Lexile Measure: 870L



870L article

To listen to this broadcast, click here:

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BYLINE: JOHN BURNETT

HOST: STEVE INSKEEP

STEVE INSKEEP: People in the oil business are familiar with the cycle of boom and bust - prices soar. Prices plunge. But they've never seen anything like 2020, when the pandemic abruptly brought prices to record lows, even below zero. NPR's John Burnett reports from the Permian Basin, the heart of oil country in West Texas.

JOHN BURNETT: On a normal day in Andrews County, look in any direction, and, stretching to the horizon, you'll see the bobbing horse heads of pump jacks sucking up oil from deep in the Earth. But these are anything but normal days.

LONDON PARTAIN: Right now, it's scary, honestly.

BURNETT: Lendon Partain is a well technician. We're standing in mesquite scrubland that overlays what experts call a monster oil field.

PARTAIN: We drove out here. Usually, you would see, you know, with all these good wells that historically have done a lot of production - they would usually all be pumping and kind of looks like caterpillars all running across the landscape, you know? And that's not happening right now.

BURNETT: All across the vast Permian that straddles West Texas and southeast New Mexico, wells have been shut in in the argot of the oil patch. American oil companies are pumping a million fewer barrels a day than they were just two months ago, according to the Energy Information Administration. All the big players out here - ExxonMobil, Chevron, ConocoPhillips - have slashed production. For Andrews County, the effect has been cataclysmic. The county is considering layoffs. And the city of Andrews will hold off preparing streets and building a new city hall.

EXPLORE

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Recession



Date: 2020



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Document Type: Topic overview
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Content Level: (Level 5)

Lexile Measure: 1330L



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1330L article

A recession is a temporary economic downturn lasting for at least six months that has an observable effect on a nation's economy. A recession is typically said to occur when the [gross domestic product](#) (GDP) has decreased for two or more consecutive quarters, but sometimes economic experts use other data to determine that a recession has begun before this actually occurs, however. Economic performance generally declines or stagnates across an entire economy during a recession. Specifically, [recessions](#) have a direct negative impact on several key aspects of an economy including real GDP, income, employment, manufacturing, and retail sales. In the first months of 2020, the coronavirus (COVID-19) outbreak led to a new global recession.

Sidebar: [Hide](#)

CRITICAL THINKING QUESTIONS

- What is a recession and what effect does it have on a nation's economy?
- What causes a recession?
- What are the types of recessions and how do they differ?
- How does the recession of 2020 compare with previous recessions?

CAUSES OF A RECESSION

The question of what causes a recession does not have an exact answer but most are triggered by a significant event that has pronounced economic repercussions. Such events may occur domestically or arise as the result of decisions made in other countries. Domestic [financial crises](#) such as a collapse in the housing market can easily lead to a recession, and factors such as high [interest rates](#) or ineffective fiscal policies can also spark a recession. A recession can also arise when other countries increase the price of their exports. Whatever the cause might be, a recession is essentially the national reaction of market participants to an unexpected negative shock to the economy.

SIGNS OF A RECESSION

It is often possible to tell that a recession is imminent before it actually occurs because recessions are usually signaled by negative changes in key [economic indicators](#) like manufacturing jobs or consumer demand. Manufacturers normally receive large orders several months ahead of when they are due to be filled, which is measured by the [durable goods](#) order report. Manufacturers stop hiring if this report declines over time, which means that fewer manufacturing jobs are available to potential employees. Accordingly, other aspects of the economy begin to slow as well, which can all help push an economy toward a recession.

An abrupt decline in consumer demand can also be a sign of a coming recession because it prevents businesses from growing as they should and they stop hiring new employees. This, in turn, means increased [unemployment](#) and further economic regress. When [economic conditions](#) reach this point, a

Other resources that provide text assigned a Lexile measure FREE:

Smithsonian TweenTribune: www.tweentribune.com

ReadWorks: www.readworks.org

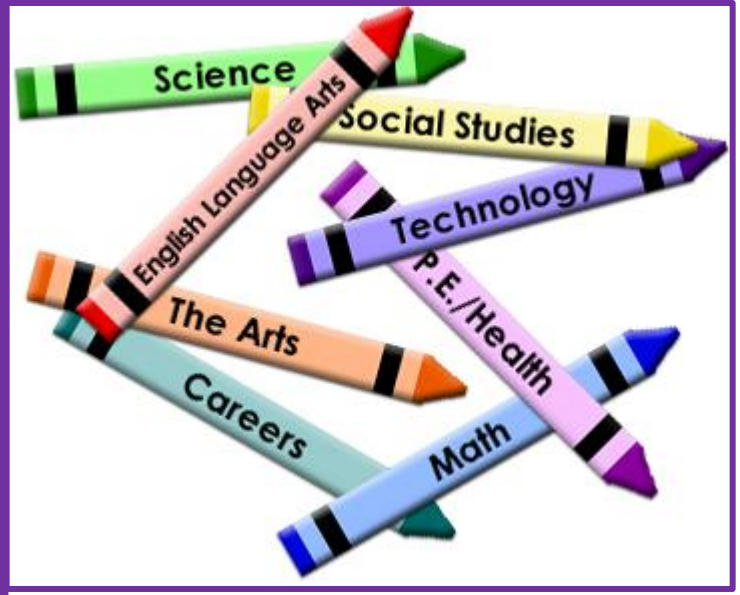
ReadingVine: www.readingvine.com

COMMONLIT: www.commonlit.org/en

newsela: newsela.com*

Matt will chat everyone the links.





Using “targeted text” helps to nurture *Reading Growth* and enable educators to *Differentiate* instruction in all subject areas.

Frontload Schema

Name _____ Date _____

3-2-1 Strategy Chart

Name of article: _____

Source: _____

Three things you learned:

1. _____

2. _____

3. _____

Two things that interest you and you'd like to learn more about:

1. _____

2. _____

One question you still have:



Name _____

Date _____

Comparing Concepts

Directions: Use this compare/contrast organizer to explore analogous as well as non-analogous characteristics of two concepts related to a given topic.

Topic: _____

Articles can be
used to
compare concepts
across all
content areas

Concept 1:		Concept 2:
	How are they alike?	
<hr/> <hr/> <hr/> <hr/>		
	How are they different?	
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



Name: _____

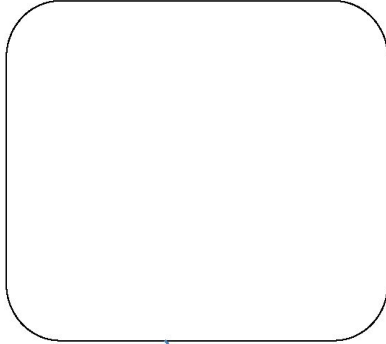
Date: _____

Inference Graphic Organizers Worksheet

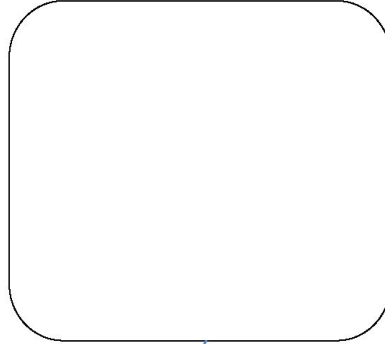
An inference is a conclusion reached on the basis of evidence and reasoning. It is an educated guess based on observation and background knowledge.

Directions: Use the graphic organizer below to make an inference on the given text.

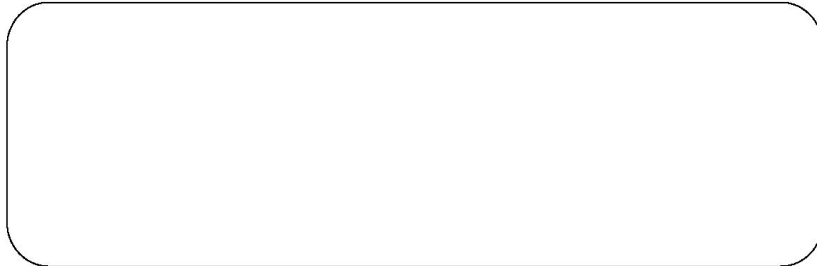
What I know from the text:



What I know from my brain:



My Inference



Using articles
that students
can read
independently
enables them to
make
inferences in all
content areas





COLLEGE AND CAREER TEXT...

**HOW DOES THE LEXILE
READER MEASURE INFORM
READINESS?**



What our research tells us...

Using The Lexile & Quantile Frameworks to Measure College and Career Readiness

Reading ability and mathematical understanding are two student attributes at the heart of college and career readiness (CCR). Lexile® and Quantile® measures quantify these abilities and can help monitor student growth toward evidence-based, grade-level benchmarks for CCR.

College and Career Readiness

Research indicates that to be college and career ready, high school graduates should strive to...

...read
independently
around 1300L



...engage in
mathematics
around 1350Q



Career Preparedness

The Lexile and Quantile measure are the only metrics available to compare and describe the reading and mathematics demands of careers.



Electrician Career
has a reading
demand of **1270L**
and requires
mathematics skills
capability of **1045Q**



Entry-Level Occupational Reading Materials

(Source: Daggett)

Career Cluster	Lexile Range
Agriculture/Natural Resources	1270L—1510L
Architecture/Construction	1210L—1340L
Business and Administration	1210L—1310L
Education and Training	1320L—1370L
Health Science	1260L—1300L
Hospitality and Tourism	1230L—1260L
Human Services	1050L—1200L
Law and Public Safety	1420L—1740L
Manufacturing	1200L—1310L
Retail/Wholesale Sales/Service	1180L—1270L
Scientific Research/Engineering	1190L—1250L



JOB Title	Median Text demand of materials:
Aerospace Manufacturing	1485L
Post-secondary educators (Bio Sci doctoral degree)	1480L
Accountant and Auditors	1360L
Services sales representatives	1130L
First-line supervisors of various trades	1255L
Heavy and tractor-trailer truck drivers	1130L
Secondary School teachers	1255L
Wholesale and manufacturing sales representatives	1385L
Construction managers	1350L
Plumbers, steamfitters, and pipefitters	1130L

Lee, A (2019, October 28).
The 20 Most In-Demand
Jobs Headed into 2020
Jobs. Money INC.
<https://moneyinc.com/most-in-demand-jobs-heading-into-2020/>

The Value and Utility of The Lexile Framework

1. Target instruction to students' abilities
 - Forecasting comprehension
 - Altering instructional planning and scaffolding
2. Promote growth and progress monitoring of students
 - Toward overarching goals of college and career readiness
3. Communicate student achievement more effectively



“I have no intention of lowering standards of rigor, regardless of students’ ability level.

My intention is to give students something to read that is worthy of their time, **something they actually have the potential to understand**-and maybe even finding a piece of text that will turn the kids onto the content.”

Tovani, Cris. *Do I Have to Really Teach Reading? Content Comprehension, grades 6-12*. Portland, Maine: Stenhouse Publishers, 2004, p. 40




Where are the tools?

The Lexile and Quantile Hub
Hub.Lexile.com

The Lexile & Quantile Hub!


<https://hub.lexile.com/>


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
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
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Paste or type in text to receive a Lexile range. View text characteristics along with challenging words and their definitions.




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Use Lexile measures to determine if a student is on track to graduate college-and-career ready. Access national and regional career data.




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Identify the reading demands needed for a desired career and use it to inform goal setting. The Lexile measure is the only metric available to compare and describe the reading demands of a career.



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https://hub.lexile.com/registration


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
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
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For Educators
Determine a student's optimal reading measure when multiple assessments that produce Lexile measures have produced significant and unexpected differences.

Key Takeaways

With Lexile measures, we can...

1. Gauge the degree of challenge between the ability of individual students and the difficulty of text.
2. Access free tools and resources to connect students with more than 100 million articles, books, websites, and other texts.
3. Take a longitudinal view of student growth toward our goals of college and career readiness.
4. Communicate more effectively with parents and our communities about children's learning and progress.

Questions?

Join us for **Office Hours**

Each Monday: 3:00PM--5:00PM Eastern Time

Join with this Zoom link: <https://zoom.us/j/95027749445>

Each Friday: 11:00AM--1:00PM Eastern Time

Join with this Zoom link: <https://zoom.us/j/92206409606>

These are come and go events! Please join at your convenience!

We will be online to answer your questions!

Feel free to contact us with questions outside of
our office hours:

Jscott@lexile.com,

Mcopeland@lexile.com,

Dbarnes@lexile.com



Please do not hesitate to join us again:

- **October 5, 2021 at 4:30PM** for this same session on the Lexile Framework for Reading
- **October 19, 2021 at 10:00 AM & again at 4:30PM** for our two sessions on the Quantile Framework for Mathematics.
- **October 26, 2021 10:00 AM & again at 4:30PM** for our two sessions on the Lexile and Quantile Hub.

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