

Science of Reading aligned

- Support explicit structured literacy teaching
- Explore morphemes and morphology
- In-depth look at affixes
- Prefixes, suffixes, and base words activities

Two pages from a spiral notebook showing word study activities.

Left Page: Base Words

Name: _____ Date: _____

Accept

Use the word matrix to create words using the base **accept**.

un re	accept - to receive or agree to something	ed ing s ance able	ly
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Affixes + Base	Completed Word
un + accept + able	unacceptable
re + accept	reaccept
accept + able	acceptable
un + accept + ing	unaccepting
accept + ing	accepting
accept + ance	acceptance

Right Page: Latin Root Words

Name: _____ Date: _____

dur

Read the passage and identify words with the root **dur**.

The Endurance Challenge

Every spring, Camp Redwood held its famous **Endurance Challenge** event. It was a day of running, climbing, and teamwork that tested how long students could endure tough conditions.

Maya was nervous. She wasn't sure she could make it. The trail stretched for miles, and the sun blazed overhead. Her friend Ted encouraged her. "Remember," he said before the event began, "you just have to keep going for the **duration** of the event. Then you can have a big rest after!"

Maya smiled at his words. "I'll see you at the finish line!"

The event began, and Maya and Ted raced off, along with all the other students in the crowd.

Halfway through, Maya slipped in some mud on the trail. She took a deep breath and reminded herself to endure it. Brushing off the mud, she kept going. The finish line came into sight!

"What great **durability**," the coach clapped as she crossed the line. Ted cheered and gave her a high-five. Maya was proud of herself for **enduring** the challenge and finishing the event.

Write some words with the root **dur** from the story.

endurance	enduring	
duration	durability	



Matrices Roots & Bases

Greek Roots

- astro
- auto
- bio
- chron
- cycl
- dys
- geo
- graph
- hydr
- logy
- metr
- matic
- micro
- nym
- path
- phon
- poly
- scop
- tele
- therm

Latin Roots

- anim
- ced
- curr
- con
- duct
- fact
- fort
- fuse
- ject
- labor
- loc
- medi
- mobil
- ped
- port
- rupt
- script
- spire
- tract
- vis

Reference Word List

Latin Root Words

spire

Word	Morphemes	Meaning
inspire	in + spire	in + breathe
respire	re + spire	again + breathe
perspire	per + spire	through + breathe
conspire	con + spire	together + breathe
aspire	a + spire	toward + breathe
spirit	spire + it	breathe + noun suffix

Word	Example Sentences
Inspire	They felt inspired after listening to the speech.

Reference Word List

Greek Root Words

tele

Word	Morphemes	Meaning
telescope	tele + scop + e	far + look
telephone	tele + phon + e	far sound
television	tele + vis + ion	far + see + act of
telegraph	tele + graph	far + write
teleport	tele + port	far + carry
telepathy	tele + path + y	tele + feeling + process

Word	Example Sentences
Television	It is nice and relaxing to watch television in the evening.
Teleport	Many characters in science fiction shows can teleport to different places.
Telepathy	Telepathy is the act of communicating thoughts without speaking.
Telegraph	A telegraph system is used to send messages from one place to another.

Name: _____ Date: _____

Base Words

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----	--	--------------------------------	----

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accept + able	acceptable
un + accept + ing	unaccepting
accept + ing	accepting

Base Words

- accept
- act
- do
- fill
- friend
- harm
- heat
- help
- match
- mix
- pack
- place
- play
- port
- power
- real
- sign
- teach
- use
- view



Reading Passages Roots & Bases

Greek Roots

- anti
- cosm
- dyn
- gen
- gram
- mono
- morph
- naut
- photo
- psych

Latin Roots

- cent
- dur
- equ
- fid
- flect
- flor
- mot
- struct
- temp
- ver

Name: _____ Date: _____

Base Words

Believe

Read the passage and identify words with the base **believe**.

The Power of Belief

Sarah was a determined student who always tried to believe in herself. She loved starting new activities and trying new hobbies. Even when things were tough, she persisted. Sarah loved playing musical instruments, and her piano tutor often reminded her that "if you truly believe you can do it, you're halfway there!"

When the school announced there would be a talent show, Sarah tried something new. She believed she could perform well if she stuck to piano, but she wanted a new challenge. So, Sarah did a magic trick instead! She was nervous about doing something different, but her friends were all believers that she could pull it off.

Base Words

- cover
- believe
- build
- joy
- paint
- read
- take
- thank
- turn
- walk



Name: _____ Date: _____

Greek Root Words

dyn

Read the passage and identify words with the root **dyn**.

The History of a Dynasty

Liam was feeling nervous while getting ready for school. Today was the day he had to give a presentation to his class about his chosen topic. Liam was interested in history.

Liam found it interesting to learn about the powerful family bloodlines of royal families, as they were loyalists.

After weeks of interesting information, speaker, and presentation, Liam conquered his fear.

"That was a great presentation," said the teacher.

Name: _____ Date: _____

Latin Root Words

flect

Read the passage and identify words with the root **flect**.

The Robot's Reflection

The newest toy robot, *Flexo the Robot*, was designed to be completely flexible. Its joints could bend and twist in any direction. This allowed it to dance, climb, and genuflect politely as a greeting.

At the robotics fair, Zara was the team leader, introduced Flexo to the crowd. "We designed Flexo to reflect human movement perfectly!" She announced proudly.

When the music started, Flexo spun around. But then it kept spinning too fast! "Quick," Zara said to Kai. "Let's reset the arm joints. That will deflect some of the extra movement." They worked quickly, and Zara made some notes in her workbook to reflect on later. Even though this was an error, they could fix and learn from it for their next design.

The robot restarted, and this time danced perfectly to the rhythm. Each movement was a graceful reflection of the hard work of the robotics team.

Zara dimmed the lights and turned on the disco ball above Flexo. Now, the robot's silvery body reflected in the light. It looked very cool!

Write some words with the root **flect** from the story.

Reading Passages

Name: _____ Date: _____

Latin Root Words

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duration	durability	

Target root word

Easy to read font

Identify words in context

Consolidate understanding



Two Types of Word Matrices

Name: _____ Date: _____

Base Words

Act

Use the word matrix to create words using the base **act**.

re inter	act - to do or perform	s ed ing ion ive ate	ly
-------------	---------------------------	-------------------------------------	----

Affixes + Base

act + ive	active
re + act	react
in + act + ive	inactive
inter + act	interact
act + ion	action
re + act + ed	reacted

Completed Word

Example + space to record words

Name: _____ Date: _____

Latin Root Words

dur

How many words can you make using the matrix?

en in	dur - hard, lasting, strong	able ance at ing	ity ion
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Word matrix with affixes

Root word meaning

enduring _____

endurance _____

durable _____

duration _____

during _____

Space to record words

Simple layout



Reference Word List

Reference Word List

Greek Root Words

therm

Focus root

List of words

Word	Morphemes	Meaning
thermometer	therm + o + metr	heat + measure
thermostat	therm + o + stat	heat + control
thermal	therm + al	heat + related to
thermos	therm + os	heat + container
geothermal	geo + therm + al	earth + heat + related to
endothermic	endo + therm + ic	heat + inside + related to

Morphemes & meaning

Word	Example Sentences
Thermostat	Set the thermostat to a cool temperature during the summer.
Thermal	The thermal clothes kept the hikers warm in the snow.
Thermos	The thermos kept the drink warm all day.
Endothermic	Endothermic animals are warm blooded and keep themselves warm.

Sentence examples



Word Sums

Name: _____ Date: _____

Latin Root Words

flect

Complete the word sums using the root **flect**.

Word Sum	Completed Word
re + flect	reflect
re + flect + ion	reflection
de + flect	deflect
in + flect	inflect
de + flect + ion	
in + flect + ion	
flect (flex) + ible	
flect (flex) + ible + ity	
re + flect + ed	
de + flect + ing	
in + flect + s	

Target root word

Word sums provided

Space to write word

Low cognitive load



Additional Tasks

Focus root

duct

Choose 3 words with the root **duct** and write a definition.

Word	Definition

Define words

Choose 3 words with the root **duct** to use in a sentence.

Word	Sentence

Sentence
practice

Choose 3 words and show the affixes.

Prefix	Root	Suffix

Reinforce word
building

