

EXACT TEKS WORDING (FROM TEA)

“demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables”

WHAT DOES THIS MEAN TO ME?

When I see bio in a word, I know it connects to life.

The root bio appears in words like biography, biology, and biome.

When I find the root, I can figure out the word's meaning.

THIS WEEK'S FOCUS

Root bio

from “A Day That Changed”

The root bio means life. Biography means writing about a life. Biology means the study of life. This week we study the root bio.

This deck teaches **the root bio (life)** across the five RPLD thinking levels:

NOTICE → CHOOSE → SHOW → OWN → DEFEND.

The Writing Academy®, LLC

Grade 4 · Cluster 6 · Syllable Types

TEKS 4.2(B) · Syllable Types · Week 25 of 36 · Cluster 6 · Module 1 · slide 1 of 10

TEACHER SAYS & DOES · SLIDE 1 OF 10 ·

Introduce the Week

 ~5 min

“ ” = say word-for-word · ▶ = teacher direction (do not read aloud)

“This week we are studying syllable types. Our focus is word with the root bio syllables. The root bio comes from Greek and means life. Words with bio connect to living things.”

▶ Show the cover. Read the exact TEKS wording aloud, then read the What does this mean to me box in your own warm voice.

“The root bio means life. Biography means writing about a life. Biology means the study of life. This week we study the root bio.”

▶ Point to the five thinking levels. Preview the week: we NOTICE, CHOOSE, SHOW, OWN, and DEFEND the pattern.

PREP & MATERIALS: the Root bio slide deck for Cluster 6 Module 1 . a class or student copy of “A Day That Changed” . the student tracking sheet . pencils

CHECK FOR UNDERSTANDING

Ask a student to name one word with the root bio from the reading and tell how they know.

RAISE THE THINKING

Ask a student how reading the word would change if the word with the root bio pattern were different.

TODAY'S THINKING JOB

NOTICE

"I can notice a word with the root bio."

EXACT TEKS WORDING

"demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables"

Notice the word with the root bio.

Read this sentence about the passage. Find the bold word and the root bio and its meaning (life).

"A student could write a **biography about Jayden's experience at field day."**

I CAN | I can notice a word with the root bio and name the root bio and its meaning (life).

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Grade 4 · Cluster 6 · Syllable Types · Monday

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TEACHER SAYS & DOES · SLIDE 2 OF 10 ·

Monday · NOTICE · Foundational

~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"Today's thinking job is NOTICE. I can notice a word with the root bio syllable."

▶ Read the I can statement aloud, then the task on the slide.

"Listen as I read the sentence. I am looking for the word with the root bio syllable in biography."

▶ Read the sentence aloud twice. Give think time, then have students copy the word on the NOTICE row of the tracking sheet.

ANSWER KEY: biography (related vocabulary). Bi-og-ra-phy. The root bio means life. The root graph means write. A biography is writing about someone's life.

CHECK FOR UNDERSTANDING

Ask a student to explain the word with the root bio syllable in their own words.

COMMON MISCONCEPTION

Students may not identify the root bio and its meaning (life). Guide them to the pattern.

POSSIBLE STUDENT QUESTION

How do I know it is a word with the root bio syllable? Look for the root bio and its meaning (life).

RPLD EVIDENCE & ADVICE

NOTICE at Foundational is about finding the word with the root bio syllable. Keep the demand at this level.

RAISE THE THINKING

Ask a student what the word would sound like without the word with the root bio pattern.

TODAY'S THINKING JOB

CHOOSE

"I can choose a word with the root bio."

EXACT TEKS WORDING

"demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables"

Choose the word with the root bio.

Read the sentence. Which word is a word with the root bio? Use the rule.

"Ms. Rios connected the weather lesson to **biology by explaining how living things depend on climate."**

A weather • **B** biology • **C** condition

I CAN | I can choose the word with the root bio and explain how I know.

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Grade 4 · Cluster 6 · Syllable Types · Tuesday

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TEACHER SAYS & DOES · SLIDE 3 OF 10 ·

Tuesday · CHOOSE · Developing

 ~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"Today's thinking job is CHOOSE. I can choose a word with a word with the root bio syllable."

▶ Read the I can statement aloud, then the task on the slide.

"Read the sentence and all three choices. Only one word has the word with the root bio pattern."

▶ Have students choose privately, then share with a partner before you reveal the answer on slide 8.

ANSWER KEY: B. biology. Bi-ol-o-gy. The root bio means life. The suffix -logy means study of. Biology means the study of life. Weather and condition have no root bio.

CHECK FOR UNDERSTANDING

Ask a student to name the root bio and its meaning (life) in the answer.

COMMON MISCONCEPTION

Students may choose by ear. Use the rule to check the root bio and its meaning (life).

POSSIBLE STUDENT QUESTION

Two words seem close. How do I pick? Check for the root bio and its meaning (life).

RPLD EVIDENCE & ADVICE

CHOOSE at Developing is about selecting the word the rule fits. Keep the demand at this level.

RAISE THE THINKING

Ask a student to find another word with the root bio syllable in the sentence.

TODAY'S THINKING JOB

SHOW

"I can show how a word with the root bio works."

EXACT TEKS WORDING

"demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables"

Show the word with the root bio.

Read the sentence. In the bold word, name the root bio and its meaning (life).

"Ms. Rios said their area is part of a larger **biome with specific plants and animals."**

I CAN | I can show the root bio and its meaning (life).

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Grade 4 • Cluster 6 • Syllable Types • Wednesday

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TEACHER SAYS & DOES • SLIDE 4 OF 10 •

Wednesday • SHOW • Independent

 ~4 min

" " = say word-for-word • ▶ = teacher direction (do not read aloud)

"Today's thinking job is SHOW. I can show how a word with the root bio syllable works."

▶ Read the I can statement aloud, then the task on the slide.

"The bold word is biome. Name the root bio and its meaning (life)."

▶ Take two or three answers. Push students to name all the parts.

ANSWER KEY: biome (related vocabulary). Bi-ome. The root bio means life. A biome is a large area defined by the kinds of living things in it.

CHECK FOR UNDERSTANDING

Ask a student to point to the root bio and its meaning (life) in the word.

COMMON MISCONCEPTION

Students may name only part of the pattern. Require all parts.

POSSIBLE STUDENT QUESTION

Can a word have more than one word with the root bio syllable? Yes, a longer word can.

RPLD EVIDENCE & ADVICE

SHOW at Independent is about explaining how the rule works. Keep the demand at this level.

RAISE THE THINKING

Ask a student what would change if the pattern were different.

TODAY'S THINKING JOB

OWN

"I can use the root bio to figure out a word's meaning."

EXACT TEKS WORDING

"demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables"

Own it. Read the longer word.

Split the word into its parts. Name the root bio and its meaning (life).

biodiversity
bi / o / di / ver / si / ty

I CAN | I can use the root bio to figure out a word's meaning.

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Grade 4 · Cluster 6 · Syllable Types · Thursday

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TEACHER SAYS & DOES · SLIDE 5 OF 10 ·

Thursday · OWN · Advanced

 ~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"Today's thinking job is OWN. I can use the root bio to figure out a word's meaning."

▶ Read the I can statement aloud, then the task on the slide.

"Biodiversity is a longer word. Split it and read each syllable."

▶ Model the cover-and-read once, then have students split the word on the OWN row of the tracking sheet.

ANSWER KEY: bi / o / di / ver / si / ty. Bio means life. Diversity means variety. Biodiversity means the variety of living things.

CHECK FOR UNDERSTANDING

Ask a student to name each syllable in biodiversity and its type.

COMMON MISCONCEPTION

Students may read the first syllable with the wrong vowel sound. Guide them to the pattern.

POSSIBLE STUDENT QUESTION

How do I know where to split the word? Look for the syllable boundary.

RPLD EVIDENCE & ADVICE

OWN at Advanced is about using the rule inside a longer word. Keep the demand at this level.

RAISE THE THINKING

Ask a student to apply the rule to another longer word.

TODAY'S THINKING JOB

DEFEND

"I can prove that a word has the root bio."

EXACT TEKS WORDING

"demonstrate and apply spelling knowledge by: (i) spelling multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables"

Defend the rule.

Prove the bold word follows the rule. Name the root bio and its meaning (life).

"After getting wet in the rain, Jayden's mother gave him an antibiotic to prevent illness."

I CAN | I can prove that a word has the root bio.

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Grade 4 · Cluster 6 · Syllable Types · Friday

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TEACHER SAYS & DOES · SLIDE 6 OF 10 ·

Friday · DEFEND · Reflective

~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"Today's thinking job is DEFEND. I can prove that a word has the root bio."

▶ Read the I can statement aloud, then the task on the slide.

"For antibiotic, name the root bio and its meaning (life) and prove it."

▶ Have students write a because statement on the DEFEND row, then share two strong answers.

ANSWER KEY: antibiotic (related vocabulary). An-ti-bi-ot-ic. The prefix anti- means against. The root bio means life. An antibiotic works against harmful living things.

CHECK FOR UNDERSTANDING

Ask a student to explain how they proved antibiotic follows the rule.

COMMON MISCONCEPTION

Students may name the whole word instead of the root bio and its meaning (life). Require all parts.

POSSIBLE STUDENT QUESTION

Is every word with this pattern word with the root bio? Yes, if it has the root bio and its meaning (life).

RPLD EVIDENCE & ADVICE

DEFEND at Reflective is about proving the rule. Keep the demand at this level.

RAISE THE THINKING

Ask a student to defend why another word in the sentence is NOT a word with the root bio syllable.

Find a word with the root bio on your own.

Go back to the passage. Find one word with the root bio. Copy the sentence and name the root bio and its meaning (life).

**Go back to the reading.
Find one word with the root bio.
Copy the exact sentence. Then name the root bio and its
meaning (life).**

I CAN | I can find a word with the root bio and prove it.

TEACHER SAYS & DOES · SLIDE 7 OF 10 ·

Independent Practice · YOUR TURN

 ~5 min

“ ” = say word-for-word · ▶ = teacher direction (do not read aloud)

“Now it is your turn to find a word with the root bio syllable on your own.”

▶ Read the Your Turn task. Students work independently on the tracking sheet.

“Copy the exact sentence. Then name the root bio and its meaning (life).”

▶ Circulate and note who can name all the parts without help.

ANSWER KEY: biologist. The root bio means life. A biologist studies living things.

CHECK FOR UNDERSTANDING

Scan for students who name the root bio and its meaning (life) together.

COMMON MISCONCEPTION

Students may write a word without naming all the parts. Require the root bio and its meaning (life).

POSSIBLE STUDENT QUESTION

What if my word has more than one syllable? Pick the syllable that is word with the root bio and prove it.

RPLD EVIDENCE & ADVICE

Independent practice shows who owns the rule. Look for the root bio and its meaning (life).

RAISE THE THINKING

Ask an early finisher to check their word by reading it aloud.

Answers, across the five thinking levels.

NOTICE biography (related vocabulary). Bi-og-ra-phy. The root bio means life. The root graph means write. A biography is writing about someone's life.

CHOOSE B. biology. Bi-ol-o-gy. The root bio means life. The suffix -logy means study of. Biology means the study of life. Weather and condition have no root bio.

SHOW biome (related vocabulary). Bi-ome. The root bio means life. A biome is a large area defined by the kinds of living things in it.

OWN bi / o / di / ver / si / ty. Bio means life. Diversity means variety. Biodiversity means the variety of living things.

DEFEND antibiotic (related vocabulary). An-ti-bi-ot-ic. The prefix anti- means against. The root bio means life. An antibiotic works against harmful living things.

YOUR TURN biologist. The root bio means life. A biologist studies living things.

TEACHER SAYS & DOES · SLIDE 8 OF 10 ·

Review the Answers

 ~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"Let's check our work across the five thinking levels."

▶ Reveal the answer slide one row at a time. Have students check their own tracking sheets.

"If you missed one, that is where your learning is. Go back to the word and find the pattern."

▶ Celebrate students who explained the rule, not only students who named the word.

CHECK FOR UNDERSTANDING

Students can explain the rule, not just name the word.

COMMON MISCONCEPTION

Naming the word without the root bio and its meaning (life). Ask how and why for at least two answers.

POSSIBLE STUDENT QUESTION

Why not just memorize the list? Because readers meet new words in books and tests, and the rule reads them.

RPLD EVIDENCE & ADVICE

Reviewing is where OWN turns into DEFEND. Push for the root bio and its meaning (life).

RAISE THE THINKING

Ask a student to explain what would change if the syllable type were different.

READ THIS PASSAGE EXCERPT.

“Jayden woke up early, excited for field day. ... Climate describes the usual weather patterns of a place over a long period of time.”

Which word has the root bio, meaning life?

A biography

B atmosphere

C temperature

D consistent

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TEACHER SAYS & DOES · SLIDE 9 OF 10 ·

Show What You Know

 ~4 min

“ ” = say word-for-word · ▶ = teacher direction (do not read aloud)

“Here is a test-style question, the kind you see on the state assessment.”

▶ Read the excerpt and the question aloud.

“Read all four choices before you decide. The best answer is the one the rule fits.”

▶ Give think time. Students choose privately and bubble their letter on the tracking sheet.

ANSWER KEY: The answer is A.

CHECK FOR UNDERSTANDING

Students choose by the rule, not by which word looks familiar.

COMMON MISCONCEPTION

Choosing by guess or by a word they like. Check the pattern in each choice.

POSSIBLE STUDENT QUESTION

Two answers seem close. How do I pick? Check for the root bio and its meaning (life).

RPLD EVIDENCE & ADVICE

A clean test item is DEFEND in action under assessment conditions.

RAISE THE THINKING

Ask why each wrong choice is wrong, which leads into the next slide.

The answer is A.

A

biography **Correct.**

Bi-og-ra-phy. The root bio means life. A biography is writing about someone's life.

B

atmosphere

Atmosphere has no root bio.

C

temperature

Temperature has no root bio.

D

consistent

Consistent has no root bio.

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TEACHER SAYS & DOES · SLIDE 10 OF 10 ·

The Answer, and Why

 ~4 min

" " = say word-for-word · ▶ = teacher direction (do not read aloud)

"The correct answer is A. The most important part is understanding why."

▶ Reveal each choice's reason. Spend the most time on the wrong answers.

"Each wrong choice is a real word from the reading, but it does not fit the pattern."

▶ Have students write one sentence on the tracking sheet explaining why the correct answer is right.

CHECK FOR UNDERSTANDING

Students can explain why the correct word fits the rule.

COMMON MISCONCEPTION

Knowing the answer but not why. Insist on the reason.

POSSIBLE STUDENT QUESTION

Why is the second choice wrong? Because it has a different syllable type.

RPLD EVIDENCE & ADVICE

Explaining the distractors is the highest DEFEND move of the week.

RAISE THE THINKING

Ask a student to write a new sentence using a word with the root bio syllable word and prove the rule.