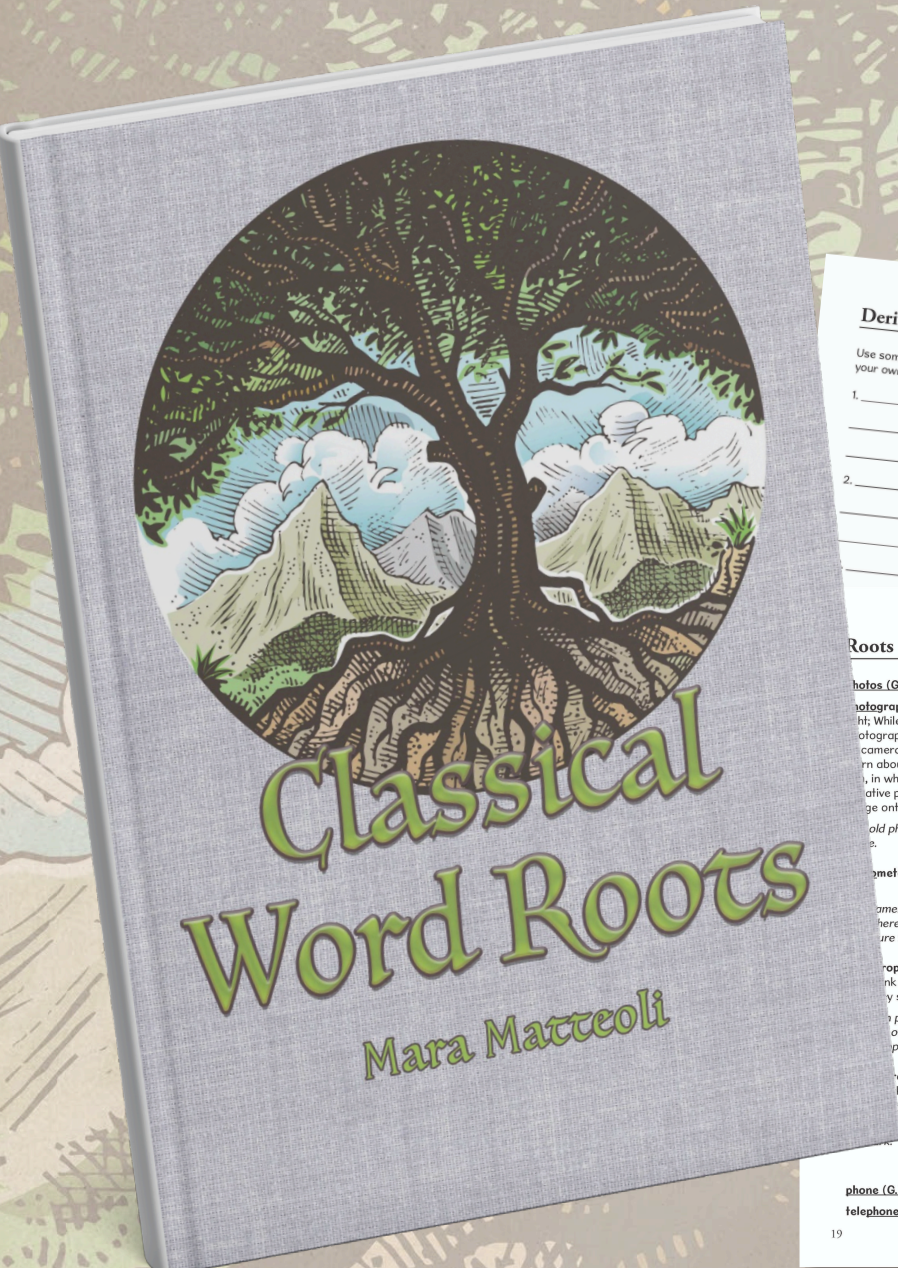


FREE SAMPLE LESSON

# Classical Word Roots

## LESSON 3

Explore the Roots of Light, Sound, and Words



**Derivatives Writing 1**  
Use some of the derivative words your own.  
1. \_\_\_\_\_  
2. \_\_\_\_\_

**sonnet** – a form of rhyming poetry  
*Shakespeare is famous for writing many sonnets.*

**sonata** – an instrumental musical composition with three or four movements, or sections  
*My sister is performing a sonata on her violin.*

**logos (G.) - word, study**  
**dialogue** – talking with another person  
*In a silent film, the words of the characters' dialogue...*

**sonnet (L.) - word**  
**proverb** – a wise word  
*There is an entire book of Proverbs in the Bible.*

**verb** – the action or being word in a sentence  
*Run, think, dance, and shout are all examples of verbs.*

**verbatim** – an exact word-for-word copy  
*Please write down the class president's speech verbatim for the newspaper.*

**Roots and Derivatives**

**photos (G.) - light**  
**photograph** – a picture drawn from light. While you are used to digital photographs taken from cell phones and cameras, you may be interested to learn about the process of developing a negative photograph, transferring the image onto light-sensitive paper.  
*An old photograph was in black and white.*

**photometer** – a device which measures light.  
*A camera's photometer helped make sure there was the right amount of light for the picture.*

**phototropism** – turning toward light; You can see that sunflowers, so named for they seek out the sun.  
*A plant is growing toward the sun because it is phototropic.*

**phosphorescent** – emitting a soft glow.  
*The fluorescent lights in the classroom are phosphorescent paint to make the solar system model glow in the dark.*

**phone (G.) - sound**  
**telephone** – a device for hearing sound from far away.  
*There's someone from the bank on the telephone for you.*

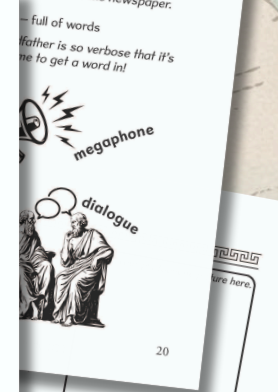
**megaphone** – a device that makes sounds big.  
*Mr. Jones used a megaphone so that the whole class could hear his instructions.*

**microphone** – a device that can pick up small sounds.  
*We couldn't hear the singer because she didn't have a microphone.*

**symphony** – sounds that go together to make a piece of music.  
*The symphony orchestra is performing this weekend!*

**sonus (L.) - sound**  
**sonic** – having to do with sound.  
*A sonic boom happens when an aircraft moves faster than the speed of sound.*

**consonant** – a speech sound made with lips or teeth; Can you name all the English consonants?  
*Is the letter "c" a consonant or a vowel?*



Root Words

Derivatives

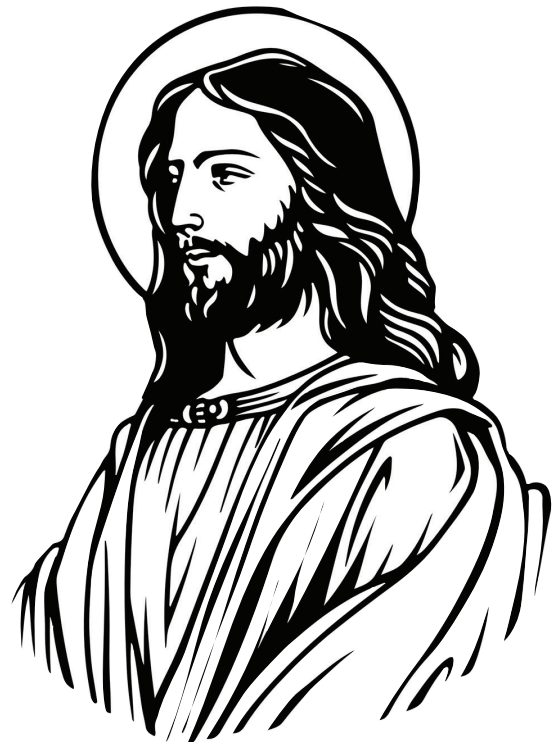
Writing Practice

Quiz

## Religion: Christ as the Logos

You may have heard your priest call Jesus the Word of God—in Greek, the **Logos**, and in Latin, the **Verbum Dei**. Logos is a very old name for Christ. St. John uses this word at the beginning of his Gospel, saying, “In the beginning was the Word, and the Word was with God, and the Word was God” (Jn 1:1). The Jews thought of God’s word as creative. Think of how God simply speaks in Genesis, and the world is

made! However, the Jews did not think of God’s Word as a Person Himself. It was not until Jesus came that the Blessed Trinity—one God in three Divine Persons—was revealed. And so, St. John tells us, “And the Word was made flesh and dwelt among us” (Jn 1:14). The Second Person of the Trinity actually took on human flesh and became one of us!



# Roots and Derivatives

## photos (G.) - light

**photograph** – a picture drawn from light; While you are used to digital photographs taken from cell phones or cameras, you may be interested to learn about the process of developing film, in which light shines through a negative photograph, transferring the image onto light-sensitive paper.

*The old photograph was in black and white.*

**photometer** – a device which measures light

*The camera's photometer helped make sure there was the right amount of light exposure for the picture.*

**phototropic** – turning toward light; You may think of sunflowers, so named for how they seek out the sun.

*My bean plant is growing toward the light of the sun because it is phototropic.*

**phosphorescent** – emitting a soft glow in the dark

*They used phosphorescent paint to make their solar system model glow in the dark.*

## phone (G.) - sound

**telephone** – a device for hearing sound

from far away

*There's someone from the bank on the telephone for you.*

**megaphone** – a device that makes sounds big

*Mr. Jones used a megaphone so that the whole class could hear his instructions.*

**microphone** – a device that can pick up small sounds

*We couldn't hear the singer because she didn't have a microphone.*

**symphony** – sounds that go together to make a piece of music

*The symphony orchestra is performing this weekend!*

## sonus (L.) - sound

**sonic** – having to do with sound

*A sonic boom happens when an aircraft moves faster than the speed of sound.*

**consonant** – a speech sound made with lips or teeth; Can you name all the English consonants?

*Is the letter "c" a consonant or a vowel?*



**sonnet** – a form of rhyming poetry

*Shakespeare is famous for writing many sonnets.*

**sonata** – an instrumental musical composition with three or four movements, or sections

*My sister is performing a sonata on her violin.*

**logos (G.) - word, study**

**dialogue** – talking with another person

*In a silent film, the words of the characters' dialogue is shown on slides for the audience to read.*

**biology** – study of physical life

*I'm excited for biology class because we get to dissect a worm!*

**zoology** – study of animals

*My brother decided to study zoology because he is interested in endangered species of animals.*

**geology** – study of the earth

*If you are interested in different types of rocks, you may wish to study geology.*

**verbum (L.) - word**

**proverb** – a wise word

*There is an entire book of Proverbs in the Bible.*

**verb** – the action or being word in a sentence

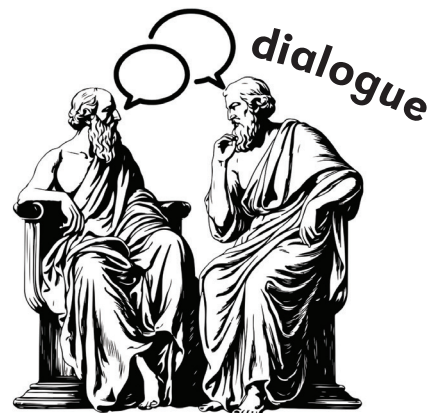
*Run, think, dance, and shout are all examples of verbs.*

**verbatim** – an exact word-for-word copy

*Please write down the class president's speech verbatim for the newspaper.*

**verbose** – full of words

*My grandfather is so verbose that it's hard for me to get a word in!*



# Derivatives Writing Practice

Use some of the derivative words from the previous two pages in sentences of your own.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*Bonus: Think of other words.

\_\_\_\_\_

\_\_\_\_\_

# Lesson 3 Quiz

## Matching

- |                 |                     |
|-----------------|---------------------|
| 1. _____ photos | a. word (L.)        |
| 2. _____ logos  | b. light (G.)       |
| 3. _____ verbum | c. sound (L.)       |
| 4. _____ phone  | d. word, study (G.) |
| 5. _____ sonus  | e. sound (G.)       |

Draw your photophone picture here.

## Derivatives - Circle the correct answers.

1. What is the name for a drawing made from light?  
sonogram      photograph      telephone      phonogram
2. Which root is another name for Jesus?  
photos      sonus      logos      phone
3. What is a device for hearing sounds from far away?  
sonogram      photograph      telephone      phonogram
4. What is the name for a wise word?  
proverb      photosynthesis      sound      logic
5. What is an adjective that means having to do with sound?  
logical      sonic      phony      verbal

## Get creative!

What could a **photophone** be?

Write a definition for this imaginary word OR draw a picture of what it would be!

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# Lesson 3 Quiz

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## Matching

- |                        |                     |
|------------------------|---------------------|
| 1. <u>  b  </u> photos | a. word (L.)        |
| 2. <u>  d  </u> logos  | b. light (G.)       |
| 3. <u>  a  </u> verbum | c. sound (L.)       |
| 4. <u>  e  </u> phone  | d. word, study (G.) |
| 5. <u>  c  </u> sonus  | e. sound (G.)       |

*Draw your photophone picture here.*



## Derivatives - Circle the correct answers.

- What is the name for a drawing made from light?  
sonogram      **photograph**      telephone      phonogram
- Which root is another name for Christ?  
photos      sonus      **logos**      phone
- What is a device for hearing sounds from far away?  
sonogram      photograph      **telephone**      phonogram
- What is the name for a wise word?  
**proverb**      photosynthesis      sound      logic
- What is an adjective that means having to do with sound?  
logical      **sonic**      phony      verbal

## Get creative!

What could a **photophone** be?

Write a definition for this imaginary word OR draw a picture of what it would be!

**Example definition: A “photophone” is a device that can record a sound and display a picture of what is making the sound.**

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