

Grade 4+

A Course of Study in

LATIN & GREEK WORD ROOTS

auto (*self*) + **bio** (*life*) + **graphy** (*written*) = **autobiography**

The story of one's **life** **written** by **oneself**

bios - life

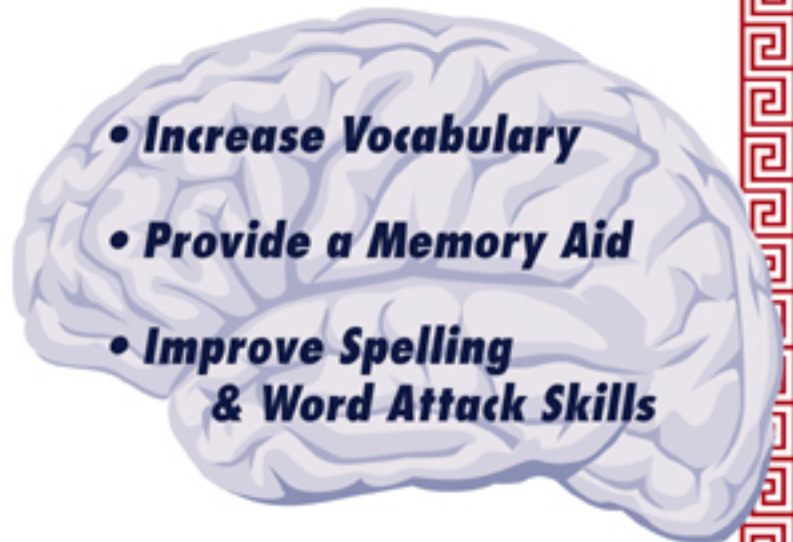
biome

biology

biography

auto**bio**graphy

biodegradable



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LATIN AND GREEK WORD ROOTS, GRADE 4+

Teacher Guide

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INTRODUCTION

Latin and Greek Word Roots, Grade 4+ includes Latin and Greek word roots related to fourth grade and above. The program is used at higher levels and in different ways depending on student groups and ability levels.

Latin and Greek Word Roots, Grade 4+ includes 5 parts.

Part 1: Word Root Lessons

Part 2: Word Root Tests

Part 3: Word Root Search Activities

Part 4: Word Root Concentration Games

Part 5: Word Root Reading and Meaning

Latin and Greek Word Root Chart

While presenting the lessons display the word root chart related to the lessons in the classroom. There are four word charts. If possible, enlarge the charts. They are found following this introduction.

Part 1: Word Root Lessons

Thirty-five lessons present four word roots in each lesson. Lessons are organized in alphabetical order, except for the Greek root *hydr* which follows the Latin root *aqu*, both roots meaning *water*.

Before passing out lesson 1, page 1, present the lesson on the chalkboard. The presentation helps students see that consistent Latin and Greek word parts are clues to word meanings.

Write the following words on the chalkboard.

act - to do **in** – not **re** – again **inter** - together, between



inactive

The word root *act* means *to do* something.

What does the word *inactive* mean?

The word root *in* often means *not*.

Yes, the word *inactive* means *not active, not doing anything*.



react

The word root *act* means *to do something*.

What does the word *react* mean?

The word root *re* means *again*

Yes, the word *react* means *to act or do again*. (It means that something we already know or do well we are doing again.) Present the following sentence.

She **reacted** to the good news with a smile. (She has smiled before; she is smiling **again**.)



interact

The word root *act* means *to do something*.

What does the word *interact* mean?

The word root *inter* means *together* or *between*

Yes, the word *interact* means *to do something together with others*.

Tell students that learning word roots helps them understand many words. Tell them that the meanings presented in these words are found in many other words.

LATIN	
1	act to do
act- to do something ● It was an act of bravery.	
inact ive (in- <i>not</i>)- not active ; not doing anything	
● Are most healthy people active or inactive ?	
react (re- <i>again</i>)- to act again ; to respond to	
● She reacted to the good news with a smile.	
interact (inter- <i>between</i>)- to act together with others	
● I like to do things with other people; I like to interact with them.	

Pass out the first student lesson on page 1. Help students complete the lesson. In each lesson, students study word roots, write their definitions, and write them in sentences. The sentences on the lesson card have a dot in front of them. (For extra credit have students write their own sentences for each word.) Find the lesson answers at the end of the lessons.

Part 2: Lesson Tests

Give the tests on the same day as the lesson or on other days. Students review the words and meanings prior to the test. Answers to the tests are found following the tests in Part 3, Tests.

Part 3: Word Search Puzzles

Present word search puzzles after every three lessons. The puzzles are excellent reviews, and they motivate students. Answers to the puzzles follow each puzzle.

Part 4: Word Root Concentration

The word root concentration game is played like Concentration games. Students cut out word cards and turn them over. Then they match the cards. The student with the most cards wins the game.

Part 5: Word Root Reading and Meaning

Students practice reading the word roots and discuss their meanings. Time the students on their readings.

Drawing Masters

A drawing master is included for students to draw pictures about the word roots. Students enjoy drawing, and the drawings can be displayed in the classroom. The drawing master is in the Teacher Guide.

WORD ROOT CHARTS

Latin and Greek Word Root Chart 1

(LESSONS 1-8)

1.	act (to do)	act	<u>in</u> active <u>not</u>	<u>re</u> act <u>again</u>	<u>inter</u> act <u>between</u>
2.	anim (life, spirit)	animal	animate	<u>in</u> animate <u>without</u>	<u>magn</u> animous <u>great</u>
3.	aqu/a (water)	aquatic	aqu <u>arium</u> <u>a place for</u>	aqu <u>educt</u> <u>to lead</u>	aqu <u>anaut</u> <u>explorer</u>
4.	hydr (water)	hydrant	hydro <u>electric</u>	<u>de</u> hydrate <u>remove</u>	hydro <u>phobia</u> <u>fear</u>
5.	art (skill)	art	art <u>ist</u> <u>one who</u>	artisan	art <u>ificial</u> <u>make</u>
6.	aud (hear, listen)	aud <u>ible</u> <u>able to</u>	<u>in</u> audible <u>not able to</u>	audience	audition
7.	bi (two)	bicy <u>cle</u> <u>wheel</u>	bily <u>ngual</u> <u>language</u>	bio (life) bi <u>ology</u> <u>study</u>	bi <u>ography</u> <u>write</u>
8.	cap, cept (take, receive)	capture	cap <u>able</u> <u>able to</u>	accept	<u>inter</u> cept <u>between</u>

Latin and Greek Word Root Chart 2

(LESSONS 9-16)

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9.	cent (hundred)	century	cent <u>ennial</u> <u>years</u>	<u>b</u> icent <u>ennial</u> <u>two</u> <u>years</u>	<u>per</u> cent <u>parts</u>
10.	cert (certain, sure)	certain	<u>un</u> certain <u>not</u>	cert <u>ify</u> <u>make</u>	certificate
11.	chron (time)	chronic	chron <u>ology</u> <u>science of</u>	<u>syn</u> chronize <u>same, together</u>	chron <u>ometer</u> <u>measure</u>
12.	circ, circum (around)	circle	circus	circum <u>vent</u> <u>to go</u>	circum <u>navigate</u> <u>sail</u>
13.	con, com (with, together)	connect	con <u>gregate</u> <u>flock</u>	combine	comm <u>unity</u> <u>one</u>
14.	cycl (circle, wheel)	cycle	<u>re</u> cycle <u>again</u>	<u>b</u> icycle <u>two</u>	cyclone
15.	dec (ten)	dec <u>ade</u> <u>group</u>	dec <u>athlon</u> <u>contest</u>	decimal	dec <u>apod</u> <u>foot</u>
16.	dem/o (the people)	democ <u>rac</u> y <u>government</u>	democ <u>rat</u> ic <u>government</u>	<u>epi</u> demic <u>among</u>	<u>pan</u> demic <u>all</u>
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Latin and Greek Word Root Chart 3

(LESSONS 17-25)

17.	dict (speak, say)	dictate	dictator <u>one who</u>	<u>pre</u> dict <u>before</u>	<u>contra</u> dict <u>against</u>	
18.	equ (equal, same)	<u>une</u> qual <u>not</u>	equal	equality	equi <u>lat</u> eral <u>side</u>	
19.	ex (exit)	exit	<u>expel</u> <u>drive</u>	<u>extend</u> <u>stretch</u>	<u>exclaim</u> <u>cry out</u>	
20.	fin (finish, end, limit)	finish	<u>in</u> finite <u>not</u>	define	<u>con</u> fine <u>together</u>	
21.	flor (flower)	flora	flor <u>ist</u> <u>one who</u>	Florida	flori <u>cult</u> ure <u>cultivate</u>	
22.	graph (write, draw)	<u>bio</u> graphy <u>life</u>	<u>auto</u> biography <u>self</u>	<u>auto</u> graph <u>self</u>	<u>bibli</u> ography <u>book</u>	
23.	hosp (guest house)	hospital	hospitality	host (stranger, enemy)	hostage	hostel
24.	logy, ology (study of, science of)	<u>bio</u> graphy <u>life</u>	<u>chron</u> ology <u>time</u>	<u>eco</u> logy <u>environment</u>	<u>zoo</u> logy <u>animal</u>	
25.	medi (middle)	medial	median	<u>inter</u> mediate <u>between</u>	Medieval	Medi <u>terr</u> anean <u>land</u>

Latin and Greek Word Root Chart 4

(LESSONS 26-35)

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26.	nov (new)	novel	novice	<u>in</u> novation <u>in, into</u>	<u>re</u> novate <u>again</u>
27.	nym, onym (name, word)	<u>syn</u> onym <u>same</u>	<u>ant</u> onym <u>opposite</u>	<u>homo</u> nym <u>same</u>	<u>an</u> onymous <u>without</u>
28.	omni (all)	omni <u>potent</u> <u>powerful</u>	omni <u>vore</u> <u>to eat</u>	pan (all)	panacea <u>cure</u>
					pano <u>rama</u> <u>view</u>
29.	ped (foot, feet)	pedal	pedestrian	<u>bi</u> ped <u>two</u>	pedi <u>cure</u> <u>care</u>
30.	pri, prim (first)	primary <u>relating to</u>	primitive	primate	priority <u>state of</u>
31.	tend, tens (stretch, strain)	<u>ext</u> end <u>out</u>	tense	intensity	<u>hyper</u> tension <u>above, over</u>
32.	terr (land)	terrace	territory	<u>Medit</u> erranean <u>middle</u>	terrari <u>um</u> <u>a place for</u>
33.	tract (draw, pull)	tractor	<u>at</u> tract <u>to</u>	<u>dis</u> tract <u>away</u>	<u>ex</u> tract <u>out</u>
34.	uni (one)	united	uniform	uni <u>cycle</u> <u>wheel</u>	uni <u>son</u> <u>sound</u>
35.	vis, vid (see)	vision	visi <u>ble</u> <u>able to</u>	<u>in</u> visi <u>ble</u> <u>not able to</u>	video
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DRAWING MASTER

Direction:

Choose words from the **lesson** to illustrate.

For each word: draw a picture, a symbol, a cartoon, or an ad, or write the word in an interesting way.

Word _____
Root(s) _____

Word _____
Root(s) _____

Word _____
Root(s) _____

Word _____
Root(s) _____

PART 1

LESSONS

1

act to do**act-** to do something • It was an **act** of bravery.**inactive** (in- *not*)- **not active**; not doing anything• Are most healthy people **active** or **inactive**?**react** (re- *again*)- to **act again**; to respond to• She **reacted** to the good news with a smile.**interact** (inter- *together, between*)- to **act together** with others• I like to **do** things **together** with other people; I like to **interact** with them.

• Say each word. • Underline the word roots. • Write each word again as one word.

actin act ivere actinter act**act****inactive**

• Write the complete word on the lines. • Write the definition. • Write the word in a sentence.

1. **act** (to do) = a c tDefinition to do somethingSentence • It was an act of bravery.2. **in** (not) + **act** (to do) + **ive** = _ _ _ _ _

Definition _____

Sentence _____

3. **re** (again) + **act** (to do) = _ _ _ _ _

Definition _____

Sentence _____

4. **inter** (together) + **act** (to do) = _ _ _ _ _

Definition _____

Sentence _____

2

anim life, spirit

animal- a **living** thing ● What is your favorite **animal**?

animate- to make **alive**; **lively**; full of **life** and **spirit**

● Her idea led to an **animated** discussion.

inanimate (*in- without*)- **without life** or **spirit**

● Are baseballs and chairs **animate** or **inanimate**?

magnanimous(*magn- great*)-great; generous **spirit**, forgiving

● The **magnanimous** president was loved by all.

● Say each word. ● Underline the word roots. ● Write each word again as one word.

anim al

anim ate

in anim ate

magnanim ous

● Write the complete word. ● Write the definition. ● Write the word in a sentence.

1. **anim** (life, spirit) + **al** = _ _ _ _ _

Definition

Sentence

2. **anim** (life, spirit) + **ate** = _ _ _ _ _

Definition

Sentence

3. **in** (without) + **anim** (life, spirit) + **ate** = _ _ _ _ _

Definition

Sentence

4. **magn** (great) + **anim** (life, spirit) + **ous** = _ _ _ _ _

Definition

Sentence

3

aqu, aqua water**aquatic**- things happening in or on the **water**

- I enjoy **aquatic** sports such as swimming and **water** skiing.

aquarium (**arium**- a *place*)- a **place** for keeping fishes and marine plants ● Their **aquarium** has goldfish and **aquatic** plants.**aqueduct** (**duct**- *to lead*)- a large pipe or canal **to lead** or carry **water** over a long distance.

- The **aqueduct** makes farming possible.

aquanaut (**naut**- *explorer*)- an **underwater explorer** (diver, etc.) ● She is working as an **aquanaut**.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

aqua tic**aqu arium****aque duct****aqua naut**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **aqua** (water) + **tic** = _ _ _ _ _

Definition

Sentence

2. **aqu** (water) + **arium** (a place) = _ _ _ _ _

Definition

Sentence

3. **aqu** (water) + **e** + **duct** (to lead) = _ _ _ _ _

Definition

Sentence

4. **aqua** (water) + **naut** (explorer) = _ _ _ _ _

Definition

Sentence

4

hydr water

hydrant- a large **water** pipe for drawing **water** (fire **hydrant**)

- Water **hydrants** are important to help put out fires.

dehydrate (*de- remove*)- to **remove** all **water** from

- Grapes are **dehydrated** to make raisins.

hydrophobia (*phobia- fear*)- **fear of water**

- I love swimming; I don't have **hydrophobia**.

hydroelectric- producing **electricity** by the action of falling **water** • Why are **hydroelectric** power stations found near **water**?

- Say each word.
- Underline the word roots.
- Write each word again as one word.

hydrant **hydro electric** **hydro phobia** **de hydrate**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **hydr** (water) + ant = _ _ _ _ _

Definition _____

Sentence _____

2. **de** (remove) + **hydr** (water) + ate = _ _ _ _ _

Definition _____

Sentence _____

3. **hydro** (water) + **phobia** (fear) = _ _ _ _ _

Definition _____

Sentence _____

4. **hydro** (water) + **electric** = _ _ _ _ _

Definition _____

Sentence _____

5

art skill**art-** a **skill** by which one creates

- Acting, painting, writing, and composing are all forms of **art**.

artist (*ist- one who*)- **one who** is **skilled** in music, literature, or any other form of **art**

- The singer gave an **artistic** performance.

artisan- a person **skilled** in a particular craft (carpenter, plumber, electrician, etc.)

- We called a **plumber** to fix our leaky faucet.

artificial (*fic- make*)- **made** by **skilled** people, not by nature

- The **artificial** flowers are made of plastic.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

art**art ist****art i san****art i ficial**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **art** (skill) = _ _ _

Definition

Sentence

2. **art** (skill) + **ist** (one who) = _ _ _ _ _

Definition

Sentence

3. **art** (skill) + **isan** = _ _ _ _ _

Definition

Sentence

4. **art** (skill) + **i** + **fic** (make) + **ial** = _ _ _ _ _

Definition

Sentence

6

aud hear, listen

audible (*ible- able to*)- **able to be heard**

- His voice was barely **audible**.

inaudible (*in- not*)- **not able to be heard**

- His voice was **inaudible**.

audience- a group of **listeners** ● The **audience** clapped loudly.

audition- a **hearing**

- The actor was given an **audition** for a part in the play.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

aud ible

in aud ible

aud i ence

aud i tion

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **aud** (hear, listen) + **ible** (able, to) = _ _ _ _ _

Definition

Sentence

2. **in** (not) + **aud** (hear, listen) + **ible** (able to) = _ _ _ _ _

Definition

Sentence

3. **aud** (hear, listen) + **ience** = _ _ _ _ _

Definition

Sentence

4. **aud** (hear, listen) + **ition** = _ _ _ _ _

Definition

Sentence

7

bi two**bicycle** (*cycl- wheel*)- a light vehicle with **two** large **wheels**

- How do you think the **bicycle** got its name?

bilingual (*lingu- language*)- able to use **two** languages

- I am studying a second **language**; I will be **bilingual**.

bio life**biology** (*logy- study*)- the **study** of **life**.

- My **biology** class has posters of interesting plants and animals.

biography (*graph- write*)- one's **life** story **written** by another

- He is reading a **biography**, the life story of his favorite baseball player.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

bi cycle**bi lingual****biology****biography**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **bi** (two) + **cycl** (wheel) + e = _ _ _ _ _

Definition

Sentence

2. **bi** (two) + **lingu** (language) + al = _ _ _ _ _

Definition

Sentence

3. **bio** (life) + **logy** (study) = _ _ _ _ _

Definition

Sentence

4. **bio** (life) + **graph** (write, draw) + y = _ _ _ _ _

Definition

Sentence

cap, cept

take, receive

accept- to **receive**; to agree to

- He **accepted** the invitation to the birthday party.

intercept (*inter- between*)- to come **between**; to **take** before arrival ● He tried to **intercept** the football pass.

capable (*able- able to*)- **able** to **receive** knowledge; clever

- She is a **capable** mechanic.

capture- to **take** charge of

- The police **captured** the person who robbed the bank.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

ac **cept**

inter **cept**

cap **able**

cap **ture**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **ac + cept** (*receive*) = _ _ _ _ _

Definition

Sentence

2. **inter** (*between*) + **cept** (*take, receive*) = _ _ _ _ _

Definition

Sentence

3. **cap** (*take, receive*) + **able** (*able to*) = _ _ _ _ _

Definition

Sentence

4. **cap** (*take, receive*) + **ture** = _ _ _ _ _

Definition

Sentence

cent hundred

century- a period of **100** years

- We live in the twenty-first **century**.

centennial (**enn**- years)- happening once every **100** years

- The United States celebrated its **centennial** in 1876.

bicentennial (**bi**- two) (**enn**- years)- happening once every **two hundred years** ● The United States had its **bicentennial** in 1976.

percent (**per**- parts)- number of **parts** per **hundred**

- Twenty **cents** is twenty **percent** of a dollar.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

cent ury**cent** enn ial**bi** cent enn ial

per cent

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **cent** (hundred) + ury = _ _ _ _ _

Definition _____

Sentence _____

2. **cent** (hundred) + **enn** (years) + ial = _ _ _ _ _

Definition _____

Sentence _____

3. **bi** (two) + **cent** (hundred) + **enn** (years) + ial = _ _ _ _ _

Definition _____

Sentence _____

4. **per** (parts) + **cent** (hundred) = _ _ _ _ _

Definition _____

Sentence _____

10

cert certain, sure**cert**ain- being **sure**

- They were **certain** that they saw the mountain lion!

uncertain (un- *not*)- not being **certain** or **sure**

- We are **uncertain** about our vacation plans.

certify (fy- *to make*)- to make **sure**, **certain**, something is true and correct • The apples are **certified** organic.**cert**ificate- an official document to insure **certain** facts are true. • Why is your birth **certificate** an important document?

- Say each word. • Underline the word roots. • Write each word again as one word.

certain**un cert**ain**cert i**fy**cert**ificate

- Write the complete word. • Write the definition. • Write the word in a sentence.

1. **cert** (sure) + **ain** = _ _ _ _ _

Definition

Sentence

2. **un** (not) + **cert** (sure) + **ain** = _ _ _ _ _

Definition

Sentence

3. **cert** (sure) + **i** + **fy** (make) = _ _ _ _ _

Definition

Sentence

4. **cert** (sure) + **ificate** = _ _ _ _ _

Definition

Sentence

11

chron time**chronic**- lasting a long **time**, as in a disease or a disorder

- Is arthritis a **chronic** illness?

chronology (**ology**- *science of*)- the **science** of arranging events by **time** ● I made a **chronology** of the events in the Civil War.**synchronize** (**syn**- *together, same*)- to happen at the same **time**

- The divers **synchronized** their watches before going into the water.

chronometer (**meter**- *to measure*)- an instrument that **measures** extremely accurate **time**

- How did the **chronometer** change navigation?

- Say each word.
- Underline the word roots.
- Write each word again as one word.

chron ic**chron ology****syn chron ize****chron ometer**

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **chron** (time) + **ic** = _ _ _ _ _

Definition

Sentence

2. **chron** (time) + **ology** (science of) = _ _ _ _ _

Definition

Sentence

3. **syn** (same) + **chron** (time) + **ize** = _ _ _ _ _

Definition

Sentence

4. **chron** (time) + **o** + **meter**(to measure) = _ _ _ _ _

Definition

Sentence

12

circ, circum

around

circle (*circ- around*)- a **round** shape.

- We sat in a **circle around** the campfire.

circus- a **circular** arena with seats all **around**; has clowns, etc.

- Have you been to a **circus**?

circumvent (*vent- to go*)- to bypass or **to go around**

- They must **circumvent** the obstacles in the mountain pass to get home.

circumnavigate (*nav- sail*)- to **sail** or fly completely **around** something ● The ship will **circumnavigate** the globe.

- Say each word.
- Underline the word roots.
- Write each word again as one word.

circ le

circ us

circum vent

circum nav i gate

- Write the complete word.
- Write the definition.
- Write the word in a sentence.

1. **circ** (around) + **le** = _ _ _ _ _

Definition _____

Sentence _____

2. **circ** (around) + **us** = _ _ _ _ _

Definition _____

Sentence _____

3. **circum** (around) + **vent** (to go) = _ _ _ _ _

Definition _____

Sentence _____

4. **circum**(around) + **nav** (sail) + **igate** = _ _ _ _ _

Definition _____

Sentence _____