

Grade 5+

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

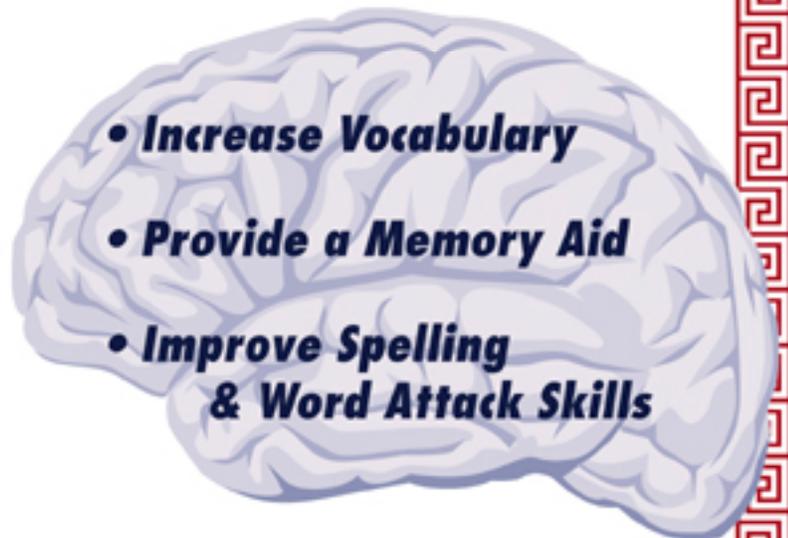
biome

biology

biography

auto**bio**graphy

biodegradable



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LATIN AND GREEK WORD ROOTS, BOOK 1

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LATIN AND GREEK WORD ROOTS 1

TEACHER GUIDE

An enjoyable and easy-to-use program, **Latin and Greek Word Roots, Book 1**, engages students and teaches word roots, the building blocks for words. As students complete the program's challenging activities, word study cards, and quizzes, they (1) expand their vocabularies, (2) learn to pronounce multisyllable words, and (3) improve spelling.

Word roots are the parts of words that carry the meanings. According to Henry (1997), Latin and Greek word roots make up sixty percent of the words in English text. Knowing Latin and Greek word roots makes it possible for students to read and understand key concepts in textbooks.

Each lesson in the program has four pages.

- The first page in the lesson is the Word Pattern Chart. The advantage of teaching word roots by patterns, or families, is that students learn new words by analogy.
- The second page is the Discovery Page introducing the word roots for the lesson in a problem-solving format.
- The third page has Word Study Cards with definitions and many sample sentences.
- The fourth page is the Quiz.

After every three lessons is a Program Review consisting of the Word Search Puzzle, the Word Study and Spelling Activity, and the Word Root Concentration Game, played like Concentration.

Latin and Greek Word Roots, Book 1, lessons focus on the use of stems or bases in the English word rather than on the actual Greek or Latin word. For example, in the word **sympathy**, **pathy** is used rather than **pathos**, the actual Greek word.

PRESENTING THE LESSONS

● FOR THE TEACHER, LESSON 1

(USE THE ACTIVITY IN THIS BOX FOR LESSON 1 ONLY.)

(ON THE CHALKBOARD, WRITE THE WORD *autobiography*.)

autobiography

(READ TO STUDENTS.)

An easy way to figure out the meanings of many words is by knowing the word roots. Look at the word *autobiography*.

Auto means *self*, *bio* means *life*, and *graph* means *written*.
Autobiography means *the story of one's life written by oneself*.

Word roots are the parts of words that carry the meanings. Latin and Greek word roots make up sixty percent of the words in English text. Knowing Latin and Greek word roots makes it possible to expand your vocabulary easily because the word roots have consistent meanings that are found in many words.

(AS AN EXAMPLE, WRITE THE FOLLOWING WORDS ON THE CHALKBOARD UNDER THE WORD *autobiography*: *autograph*, *biography*, *biology*, AND *biotic*. ASK STUDENTS TO TELL THE WORD MEANINGS AND HOW KNOWING WORD ROOTS HELPED THEM DISCOVER THE WORD MEANINGS.)

1. WORD PATTERN CHART AND STUDENT DRAWINGS

Word Pattern Chart, Page 1. Use the Word Pattern Chart for discussion to begin Lesson 1. Some teachers prefer to begin the lesson with page 2, the Discovery Page. In either case, the chart makes an excellent poster enlarged and displayed in the classroom. Around the chart, display student-made drawings representing the

words. (See page 19 for Drawing Master.) Build student curiosity about words through the visual representation and discussion.

2. DISCOVERY PAGE

Make student copies of Lesson 1, letter **A**, pages 2, 3, and 4, follow the directions below to administer the program. (All program lessons follow the same structure, which makes the program easy to administer. Students are comfortable because they know what is coming next.)

Discovery Page, Page 2.

a. Using the words in the Word Root Box, students write the word root meanings in the parentheses.

b. Students write the complete word on the lines.

c. Students write their Own Definitions (OD) of the words on the line.

3. STUDY CARDS

Study Cards, Page 3. After students complete their Own Definitions (OD), pass out page 3, Study Cards, for them to use in writing the Study Card Definition (SCD). Students study page 3, or cut out the cards to study, independently or with a partner. The interactive study and discussion is important to learning and remembering the word root meanings.

a. Students study for 5 or 10 minutes.

b. Read the definitions from the Study Cards, and have students raise their hands if they know the words for the definitions.

4. QUIZ

Quiz, Page 4. (The Quiz may be given on the same day as the Study Cards or on another day.) Pass out page 4, the Quiz.

a. Students complete the Quiz.

● LESSON REVIEWS

All lessons in **Latin and Greek Word Roots 1, Book 1**, follow the same structure. After every three lessons there is a review consisting of the following activities.

● **Word Search Puzzle**

Students complete the Word Search Puzzle.

-

● **Word Fluency, Spelling, and Meaning**

Students practice reading the words to you or, for large groups, to each other. While students are completing the Word Search Puzzle, call individual students to come to your desk and read the words. Mark the scores, and check the words for further study. Give the students a second chance to read the words that they missed.

● **Word Root Concentration Game**

(Copy the Word Root Concentration Game on page 16 of the Lesson One Review.) Students play the game in pairs. One student cuts out the cards. The other student keeps his or her cards to use as a word root reference. Students turn over all cards and take turns picking up and matching the cards. If they have a match (*bio – life*), they take the cards and continue taking another turn until they miss. When they miss, they turn the cards over face down, and the other player takes a turn.

● **Word Root Examination**

The Word Root Examination is on page 114 in the Student Lesson Book. It tests students' word root knowledge.

● **Drawing Master, Vocabulary in Personal Visual Context**

The Drawing Master, Vocabulary in Personal Visual Context, for picture representation of the words is in the Teacher Guide, page 19. Students draw picture representations of the words. Vocabulary in personal visual context helps students remember word meanings.

Reference

Henry, M. (1997). The decoding/spelling continuum: Integrated decoding and spelling instruction from pre-school to early secondary school. *Dyslexia* 3.

LATIN AND GREEK WORD ROOTS

star

aster

asterisk

asteroid

resembling



star

astronomy

scientific study

astronaut

sailor

astrologer

knowledge

not, without

apathy

feeling

abiotic

life

anarchy

rule

anorexia

appetite

self

autograph

write, draw

automatic

acting

automobile

move

LATIN AND GREEK ROOTS **A**

Word Root Box

astro, aster – star	oid – resembling	pathy – feeling
nomy – study of	arch – rule	auto – self, same
a, an – without	naut – sailor	graph – writing
	matos - acting	

- Write the meanings next to the word parts. Write the complete word.
- Write your own definition. Write the study card definition.



1. astro (**star**) + nomy (**study of**) = **a s t r o n o m y**

Own Definition (OD)

Study Card Definition (SCD)

2. aster () + oid () = _____

(OD)

(SCD)

3. astro () + naut () = _____

(OD)

(SCD)



4. an () + arch () + y = _____

(OD)

(SCD)

5. a () + pathy () = _____

(OD)

(SCD)

6. a () + moral = _____

(OD)

(SCD)



7. auto () + graph () = _____

(OD)

(SCD)

8. auto () + mat () + ic = _____

(OD)

(SCD)

EXTRA CREDIT – On the back of this page, write the meanings of the words.

abiotic (bio - *life*); **anorexia** (orexis- *appetite*); **astrologer** (logos - *knowledge*); **automobile** (mobil – *move*)

● aster, astro

star

aster – star-shaped flower

asterisk – star-shaped mark * used to call attention to something written and printed

astronomy (nomy - *scientific study*) – scientific study of the stars, moon, etc.

asteroid (oid - *resembling*) – planets in the shape of a star, resembling a star

astronaut (naut - *sailor*) – star sailor; a person who travels in a spacecraft

astrologer (logos - *knowledge*) – one who gets knowledge from the stars

● a, an

not, without

anarchy (arch - *rule*) – without any rule or form of government; lawlessness; disorder [When the king died, there was anarchy.]

apathy (pathy - *feeling*) – without feeling or emotion; lack of desire or interest [After failing the test she was filled with apathy.]

amoral – without moral principles, not acceptable behavior [He displayed an amoral lifestyle.]

anorexia – (orexis - *appetite*) – without an appetite; lack of appetite

● auto

self

autograph (graph - *writing*) – writing the name of oneself; signature [Would you like to have the singer's autograph?]

automatic (matos - *acting*) – moving or acting by itself, without help [Does this car have an automatic transmission?]

automobile (mobilis - *move*) – a self-moving vehicle

QUIZ 1

LATIN AND GREEK ROOTS A

PART 1

Answer Box

aster	automobile	asteroid	amoral
anarchy	autograph	anorexia	astronomy
apathy	astronaut	automatic	asterisk

• Write the word for each definition.

- _____ a star-shaped flower
- _____ without any rule or form of government
- _____ writing the name of oneself; signature
- _____ a self-moving vehicle
- _____ without an appetite; lack of appetite
- _____ scientific study of the stars, and so forth
- _____ without emotion or feeling; lack of desire or interest
- _____ planets in the shape of a star, resembling a star
- _____ without moral principles, not acceptable behavior
- _____ star sailor; a person who travels in a spacecraft
- _____ moving or acting by itself, without help or thought
- _____ a star-shaped mark * used to call attention to something written or printed.

PART 2

move	star	not, without	self	sailor
write, draw	feeling	rule	study of	

• Write the meanings for the word roots.

- astro, aster _____
- a, an _____
- auto _____
- naut _____
- mobile _____
- arch _____
- pathy _____
- graph _____
- nomy _____

PART 3

• On the back of this page, write each word in a sentence.

You may change the form of a word: **autograph (s, ed, ing)**.

autograph

astronaut

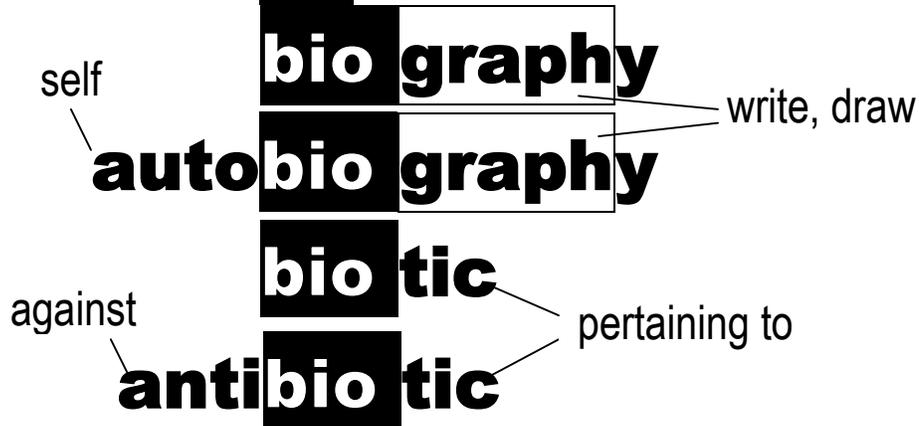
automobile

anarchy

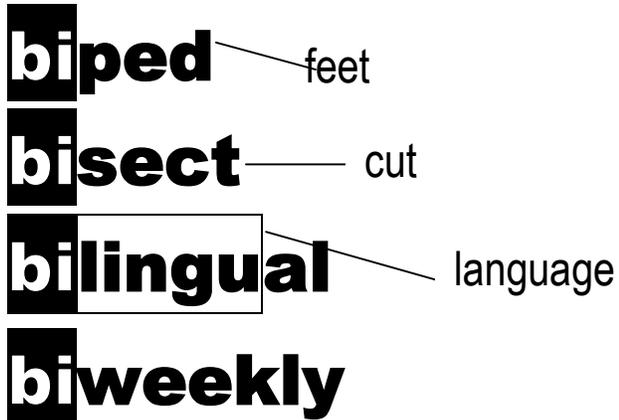
LATIN AND GREEK WORD ROOTS

B

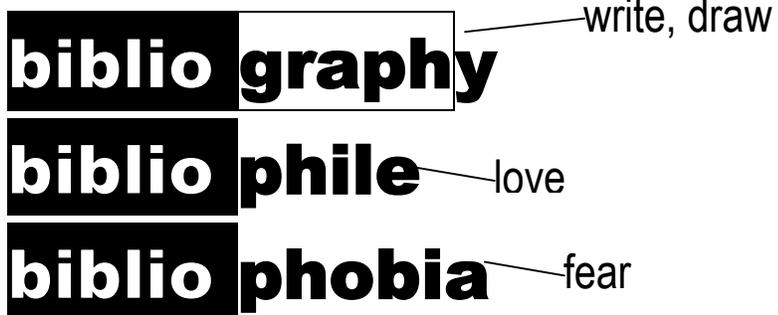
life



two, twice



book



Word Root Box

bio – life	bi – two	bibli/o – book
logy – study of	graphy – written, draw	auto – self sect – to cut
phile – love	ped – feet	lingu – language, tongue

- Write the meanings next to the word parts. Write the complete word.
- Write your own definition. Write the study card definition.



1. bio () + logy () = _____

Own Definition (OD)

Study Card Definition (SCD)

2. bio () + graphy () = _____

(OD)

(SCD)

3. auto () + bio () + graphy () = _____

(OD)

(SCD)



4. bi () + ped () = _____

(OD)

(SCD)

5. bi () + lingu () + al = _____

(OD)

(SCD)

6. bi () + sect () = _____

(OD)

(SCD)



7. biblio () + graphy () = _____

(OD)

(SCD)

8. biblio () + phile () = _____

(OD)

(SCD)

EXTRA CREDIT – On the back of this page, write the meanings of the words.

biotic; **antibiotic** (anti - *against*); **biplane**; **bibliophobia** (phobia - *fear*)

bio

life, living things

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

biography (graph - *written*) - the story of one's life written by another; a book about a person's life [He enjoys reading biographies.]

autobiography (auto - *self*) - the story of one's life written by oneself

biotic - pertaining to life

antibiotic (anti - *against*) - against living forms which invade the body [The doctor treated her infection with antibiotic medicine.]

bi

two, twice

biped (ped - *feet*) - a two-footed animal

bilingual (lingu - *language*) - able to speak two languages [They are bilingual; they can speak English and Spanish.]

bisect (sect - *to cut*) - to cut into two equal parts

biplane - an airplane with two sets of wings, one above the other

bibli/o

book

Bible - the book of the Christian religion

bibliography (graph - *written*) - a list of books written on a particular subject [A research paper always has a bibliography.]

bibliophile (phile - *love*) - one who loves books or collects them

bibliophobia (phobia - *fear*) - a fear of or dislike for books

QUIZ 2

LATIN AND GREEK ROOTS **B**

PART 1

Answer Box

biped	autobiography	biography	antibiotic
bisect	biology	bibliography	bibliophile
bilingual	Bible	biplane	bibliophobia

- Write the word for each definition.

1. _____ a two-footed animal
2. _____ able to speak two languages
3. _____ to cut into two equal parts
4. _____ the study of life
5. _____ the story of one's life written by another
6. _____ the story of one's life written by oneself
7. _____ against living forms which invade the body
8. _____ the book of the Christian religion
9. _____ a fear of or dislike for books
10. _____ a list of books written on a particular subject
11. _____ one who loves books or collects them
12. _____ an airplane with two sets of wings, one above the other

PART 2

life	study of	against	self	two
written, drawn	language	to cut	book	

- Write the meanings for the word roots.

1. bio _____
2. logy _____
3. graph _____
4. auto _____
5. anti _____
6. bi _____
7. lingu _____
8. sect _____
9. biblio _____

PART 3

- On the back of this page, write each word in a sentence.

You may change the form of a word: **biology (ical); biography (ies, er)**

biology

bilingual

biography

antibiotic

LATIN AND GREEK WORD ROOTS

hundred, hundredth

C

century

centenarian

centennial — years

two, twice — **bicentennial**

percent

around

circumscribe — write

circumference

circumvent — to go

circumnavigate

time

chronic

chronicle

chronology — study of

same — **synchronize**

Word Root Box

cent – hundred, hundredth	scrib – write, draw	chron/o – time
enn – years	syn - same	circum – around
		logy – study of

- Write the meanings next to the word parts. Write the complete word.
- Write your own definition. Write the study card dictionary definition..



1. cent () + ury = _____

Own Definition (OD)

Study Card Definition (SCD)

2. cent () + enn () + ial = _____

(OD)

(SCD)

3. per + cent () + = _____

(OD)

(SCD)



4. circum () + ference = _____

(OD)

(SCD)

5. circum () + scribe () = _____

(OD)

(SCD)



6. chron() + icle = _____

(OD)

(SCD)

7. chrono () + logy () = _____

(OD)

(SCD)

8. syn () + chron () + ize = _____

(OD)

(SCD)

EXTRA CREDIT – On the back of this page, write the meanings of the words.

circumnavigate; bicentennial (bi - two); centenarian (ian - one who); chronological

cent

hundred, hundredth

century – a period of 100 years [They lived in the twenty-first century.]

centenarian (enn – years); (ian – one who) – one who is 100 years old or more

bicentennial (bi - two) – occurring once every two hundred years [The United States had its bicentennial in 1976.]

percent – number of parts per hundred, 20 cents is 20 percent of a dollar

circum

around

circumference – the distance around a circle, figure, etc.

circumscribe (scrib - write, draw) – to draw a line around

circumnavigate - to sail or fly completely around [The sailor circumnavigated the globe in a sailboat.]

circumvent (vent - to go) – to bypass or go around [They took a different road to circumvent the heavy freeway traffic.]

chron

time

chronic – lasting a long time, as in a disease or a disorder: a chronic cough

chronicle – a record of events in a given sequence or order

chronology (logy - study) – to study or order events by time from the earliest to the latest [My class made a chronology of the important 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.]

QUIZ 3

LATIN AND GREEK ROOTS C

PART 1

Answer Box

circumference	bicentennial	synchronize	century
chronology	cent	centenarian	circumvent
percent	chronic	circumscribe	circumnavigate

• Write the word for each definition.

- _____ lasting a long time, as in a disease or a disorder
- _____ number of parts per hundred
- _____ a record of events in a given sequence or order
- _____ to happen at the same time; to move together
- _____ a unit of money worth 1/100 of a dollar
- _____ one who is 100 years old or more
- _____ to bypass or go around
- _____ the distance around a circle, figure, and so forth
- _____ to draw a line around
- _____ a period of 100 years
- _____ occurring once every 200 years
- _____ to sail or fly completely around

PART 2

study	years	two	together, same
hundred, hundredth	time	to go	around write, draw

• Write the meanings for the word roots.

- cent _____
- enn _____
- bi _____
- scribe _____
- circum _____
- vent _____
- chron _____
- syn _____
- logy _____

PART 3

• On the back of this page, write each word in a sentence.

You may change the form of a word: **century (ies)**

century

percent

chronic

circumference

Review 1 - A, B, C

WORD ROOT SORT

Part 1

<u>aster</u>	<u>astro</u> nomy	<u>auto</u> graph	<u>auto</u> matic	<u>an</u> archy
<u>auto</u> mobile	<u>astro</u> loger	<u>astro</u> logist	<u>a</u> moral	<u>aster</u> oid

• Write the word under the correct meaning. (Use the underlined part of the word as a guide.)

star

self

not, without

Part 2

<u>bio</u> logy	<u>bibli</u> ography	<u>bi</u> ped	<u>bi</u> lingual	<u>bio</u> graphy
<u>Bible</u>	<u>bi</u> sect	<u>bi</u> plane	anti <u>bi</u> otic	auto <u>bi</u> ography

• Write the word under the correct meaning. (Use the underlined part of the word as a guide.)

book

two, twice

life, living things

Part 3

<u>cent</u> ury	<u>circum</u> ference	<u>circum</u> vent	<u>chronic</u>	<u>circum</u> navigate
<u>chron</u> ology	bi <u>cent</u> ennial	syn <u>chron</u> ize	per <u>cent</u>	<u>circum</u> scribe

• Write the word under the correct meaning. (Use the underlined part of the word as a guide.)

time

around

hundred, hundredth



WORD SEARCH

Latin and Greek Word Roots A, B, C

u	d	c	i	r	c	u	m	f	e	r	e	n	c	e
a	u	t	o	g	r	a	p	h	t	l	r	i	i	z
a	t	a	n	a	r	c	h	y	y	a	r	y	r	i
s	n	u	u	g	p	y	n	g	c	c	b	m	c	n
t	e	t	d	l	q	z	o	d	u	i	i	o	u	o
r	v	o	i	m	a	l	e	m	b	g	c	n	m	r
o	m	b	u	b	o	p	n	l	c	o	e	o	s	h
n	u	i	p	i	i	a	i	e	y	l	n	r	c	c
a	c	o	b	b	v	o	n	h	s	o	t	t	r	n
u	r	g	h	i	g	t	t	q	v	n	e	s	i	y
t	i	r	g	r	u	a	l	i	z	o	n	a	b	s
b	c	a	a	r	p	p	p	h	c	r	n	b	e	u
p	t	p	y	a	k	y	b	e	m	h	i	c	d	r
e	h	h	r	y	b	a	t	b	p	c	a	m	n	v
y	v	y	q	m	c	h	r	o	n	o	l	o	g	y

- Find the words in the word search puzzle.
- Circle the **word roots** in the words below.

anarchy

bibliography

chronology

antibiotic

bicentennial

circumference

apathy

circumnavigate

biology

astronaut

biped

circumscribed

astronomy

centennial

circumvent

autobiography

century

synchronize

autograph

chronological

MEANING AND WORD FLUENCY – A, B, C

- Look at the meaning for the word roots, and then read the words.

aster, astro - star

aster asterisk asteroid **astronaut** astrology

a, an – not, without

amoral apathy **anarchy**

auto – self

autograph automobile automatic

bio – life

biology biography autobiography antibiotic

bi – two

biped bilingual bisect biplane

bibli – book

Bible biblical bibliography

cent – hundred, hundredth

cent century percent centennial bicentennial

circum – around

circumference circumvent circumnavigate circumscribe

chron – time

chronic chronicle chronology chronological synchronize



I read the words to _____ .



I read the words to _____ .

WORD ROOT CONCENTRATION GAME A, B, C
 Cut out the word cards. Place face down and match the pairs. Say the sample words.

<p>aster, astro</p> <p><u>asteroid</u> <u>astronomy</u> <u>astronaut</u></p>	<p>bio</p> <p><u>biology</u> <u>biography</u> <u>autobiography</u></p>	<p>cent</p> <p><u>century</u> <u>centennial</u> <u>percent</u></p>
<p>star</p>	<p>life living things</p>	<p>hundred hundredth</p>
<p>a, an</p> <p><u>anarchy</u> <u>apathy</u></p>	<p>bi</p> <p><u>biped</u> <u>bilingual</u> <u>bisect</u></p>	<p>circum</p> <p><u>circumference</u> <u>circumvent</u> <u>circumscribe</u></p>
<p>not, without</p>	<p>two, twice</p>	<p>around</p>
<p>auto</p> <p><u>autograph</u> <u>automatic</u> <u>automobile</u></p>	<p>biblio</p> <p><u>Bible</u> <u>bibliography</u> <u>bibliophobia</u></p>	<p>chron</p> <p><u>chronic</u> <u>chronicle</u> <u>chronology</u></p>
<p>self</p>	<p>book</p>	<p>time</p>

SPELLING TEST 1 - A, B, C

(two)

1. _____

2. _____

(self)

3. _____

4. _____

5. _____

(not, without)

6. _____

(around)

7. _____

8. _____

(time)

9. _____

10. _____

11. _____

(star)

12. _____

13. _____

(life)

14. _____

15. _____

BONUS WORDS

1. _____

2. _____

SCORE _____

SPELLING TEST 1 - A, B, C, TEACHER SCRIPT

(SPELLING TEST WORDS) **bisect, biped, automatic, automobile, autograph, anarchy, circumvent, circumference, chronic, chronicle, chronology, asteroid, astronaut, biology, biography** (BONUS WORDS) **autobiography, synchronize**

(READ TO STUDENTS.)

Learning Latin and Greek word roots helps you to understand the meanings of words and to spell the words. (EACH REVIEW SECTION IN **LATIN AND GREEK WORD ROOTS** INCLUDES A SPELLING TEST.)

I will give time for you to study the words for Spelling Test 1, A, B, C, then we will take Spelling Test 1. You may review the words with a partner.

(PASS OUT SPELLING TEST 1 – A, B, C)

There are 15 regular spelling words and 2 bonus words. Each word is worth one point. The bonus words give extra credit to you, and they do not count against your score if you miss them. So try to spell the bonus words.

Each spelling word has a solid line followed by shorter lines.

I will say the word root, the word, and the word's definition.

Number 1. The primary word root is *bi*. Write *bi* on the solid line. The complete word is *bisect*. Write the rest of the word on the lines. *Bisect* means **to cut into two equal parts**. *bisect*. (BE SURE THAT STUDENTS ARE WRITING ON THE CORRECT LINES.
bi s e c t.)

Number 2. The word root is *bi*. The complete word is *biped*.
Biped means **a two-footed animal**. *biped*.

Number 3. The word root is *auto*. The complete word is *automatic*.
Automatic means **moving or acting by itself**. *automatic*.

Number 4. The word root is *auto*. The complete word is *automobile*.
Automobile means **a self moving vehicle, like a car**. *automobile*.

Number 5. The word root is *auto*. The complete word is *autograph*.
Autograph means **writing the name of oneself**. *autograph*.

Number 6. The word root is *an*. The complete word is *anarchy*.
Anarchy means **without any form or rule of government**. *anarchy*.

Number 7. The word root is *circum*. The complete word is *circumvent*.
Circumvent means **to bypass or go around**. *circumvent*.

Number 8. The word root is *circum*. The complete word is *circumference*.
Circumference means **the distance around a circle, figure, and so forth**. *circumference*.

SPELLING TEST 1, A, B, C, TEACHER SCRIPT (CONTINUED)

Number 9. The word root is *chron*. The complete word is *chronic*.
Chronic means **lasting a long time, as in a disease or a disorder.** *chronic*.

Number 10. The word root is *chron*. The complete word is *chronicle*.
Chronicle means **a record of events in a given sequence or order.** *chronicle*.

Number 11. The word root is *chron*. The complete word is *chronology*.
Chronology means **to study or order events by time from the earliest to the latest.** *chronology*.

Number 12. The word root is *aster*. The complete word is *asteroid*.
Asteroid means **planets in the shape of a star, resembling a star.** *asteroid*

Number 13. The word root is *astro*. The complete word is *astronaut*.
Astronaut means **a star sailor, a person who travels into space.**

Number 14. The word root is *bio*. The complete word is *biology*.
Biology means **the study of life.** *biology*.

Number 15. The word root is *bio*. The complete word is *biography*.
Biography means **the story of one's life written by another.** *biography*.

(BONUS WORDS)

Now, let's spell the bonus words.

Number 1. The word is *autobiography*.
Autobiography means **the story of one's life written by oneself.** *autobiography*.

Number 2. The word is *synchronize*.
Synchronize means **happening at the same time.** *synchronize*.

(OPTIONAL ACTIVITY)

(AFTER THE TESTS ARE CORRECTED, PASS THEM BACK, AND ASK THE STUDENTS TO FIND OTHER WORD ROOTS IN THE SPELLING WORDS, BEGINNING WITH NUMBER 1. AS STUDENTS IDENTIFY THE WORDS AND THEIR MEANINGS, ASK THEM TO CIRCLE THE WORD ROOTS.)

1. sect – *cut* 2. ped – *foot, feet* 3. mat(os) – *acting* 4. mobil(is) – *to move*
5. graph – *write, written* 6. arch – *rule* 7. vent – *to go* 8. (NONE) 9. (NONE)
10. (NONE) 11. ology – *study of, scientific study of* 12. oid - *resembling*
13. naut - *sailor* 14. logy – *study of* 15. graphy – *write, written*

(BONUS WORDS)

1. auto – *self*; bio – *life*; graph – *written* 2. syn – *together, same*; chron - *time*