HAKILLO KIDS · TEACHER GUIDE · VIRGINIA SOL EDITION · LANGUAGE ARTS · GRADE 5 · LESSON 2

Greek and Latin Roots and Affixes



VIRGINIA SOL (2024)
5.FFR.3.B, 5.RV.1.F

VIDEO LENGTH
3:33 · Common Core edition also available

WATCH THE LESSON FREE
hakillokids.org/language-arts/grade-5#L5-02

PRACTICE ONLINE
learn.hakillokids.org · videos stop for each question, scored automatically

5.FFR.3.B Use knowledge of morphology (suffixes, prefixes, root/base) to decode words.

5.RV.1.F Analyze the morphological relationships between words, including how Greek and Latin affixes and roots impact the meaning.

Materials: Root and affix cards, a word-building mat, science textbook.

Students will

- Learn bio (life), geo (earth), -ology (study of), micro (small), scope (look), photo (light), graph (write).
- Use -ible/-able (can be) to find meaning.
- Build and define new words from parts (microbiology).
- Use word parts to read content-area words.

Key words

root	a word part that carries meaning
affix	a prefix or suffix
bio, geo, -ology	life; earth; the study of
micro, scope, photo, graph	small; look; light; write

Before the video 2 minutes

Write microscope. Ask: “What two parts do you see? What might each part mean?”

What happens in the video

0:00	Welcome and today's goal: Greek and Latin roots and affixes
0:19	Word parts are clues
0:32	bio, geo, -ology: biology, geology
0:48	micro + scope; photo + graph
1:05	-ible and -able mean can be
1:19	Building microbiology
1:33	Spot the mistake: geo means earth
1:51	Your turn! Students answer during each pause (see below)
3:12	Recap and goodbye

Spot the mistake at 1:33

> **Sam:** Geology is the study of life!
> **Ivy:** Hmm... does geo mean life?
> **Mia:** Geo means earth. Bio means life. Geology is the study of the earth!
> **Sam:** Oops! Geo means earth.

- Ask: “Does geo mean life?” (No, earth.)
- Compare biology and geology.
- List more geo words: geography, geode.

Your-turn pauses students answer out loud, then the characters give the answer

TIME	QUESTION	ANSWER IN THE VIDEO
1:52	What does bio mean? Life, or earth?	Life! Like biology.
2:05	What does micro mean? Small, or loud?	Small! Like microscope.
2:18	What does visible mean? Can be seen, or cannot be seen?	Can be seen!
2:31	What is geology? The study of the earth, or the study of stars?	The study of the earth!
2:45	Photo means light. What is a photograph? Written with light, or a loud sound?	Written with light! A picture.
3:00	What does ology mean? The study of, or full of?	The study of!

Tip: pause the video a little longer on any question your class finds hard, and ask a student to explain how they know.

After the video: talk about it

1. What does biography mean?
2. Build a word with -ology.
3. Find a root word in a science lesson.

Go further

Word inventor: students invent a new word from roots (aquaphobia-style) and define it.

Answer key for the practice page

1. Life
2. Small
3. Can be seen
4. The study of the earth
5. Written with light (a picture)
6. For example: biology (study of life), telescope (look far).

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Greek and Latin Roots and Affixes

Name: _____ **Date:** _____

1. **What does bio mean?**

   Answer: _____

2. **What does micro mean?**

   Answer: _____

3. **What does visible mean?**

   Answer: _____

4. **What is geology?**

   Answer: _____

5. **What does photograph mean by its parts?**

   Answer: _____

6. **Build two words from the parts on the chart and define them.**

   Answer: _____