Grade 5 - Unit 1

UNIT 1 | Five Subjects | Original Student Practice and Study

Instructions: Read each teaching section and complete the questions. These fields can be filled in a compatible PDF application. SAVE the PDF to your own device to keep answers, or print blank and write by hand. This is a starting unit, not a complete school-year textbook.

A learner can work at different levels in different subjects. Choose additional advanced problems only after demonstrating prerequisites.

Student initials (optional):

Date:

Grade 5 | Unit 1 Student Learning Book

An original grade-labeled starting unit in five academic and Scripture subjects. Each subject contains direct teaching and ten exercises. This is a first unit, not a completed chapter sequence or full annual textbook. Any child may be ready for a higher-grade challenge in one subject while working at another level elsewhere.

Instructions: Read the explanation and passage, if provided. Complete the ten numbered tasks on paper or copy into a document. Explain how you reached an answer. Parents check learning separately and privately.

Mathematics: Fractions and decimal operations

Learn: To add unlike fractions, find a common denominator. For 3/4+1/8, write 6/8+1/8=7/8.
Decimal multiplication uses place value: 2.4 x 0.6=1.44.

1.

Compute 2/3 + 1/6.

2.

Compute 5/8 - 1/4.

3.

Compute 3/5 of 40.

4.

Compute 2.4 x 0.6.

5.

Compute 7.85 + 4.70.

6.

Compute 12.6 - 8.37.

7.

Compute 4.5 x 3.

8.

Find volume of a box 4 x 5 x 6 cm.

9.

Plot (2,3) and (5,1) on a first-quadrant grid.

10.

Advanced: a recipe needs 3/4 cup per batch. Find amount for 2 1/2 batches and justify.

English Language Arts: Research and evidence-based explanation

Original reading: Original passage: -A community archive preserves maps, photographs and interviews. Volunteers label materials with dates when they can verify them. When they cannot verify an object’s origin, they record the uncertainty rather than invent a story.’

Learn: A research explanation requires a clear claim, accurate supporting facts and attribution. A source can be useful even when some information is missing.

11.

State the central idea.

12.

Identify three records an archive preserves.

13.

Why does the archive avoid guessing dates?

14.

Identify one direct statement from the passage.

15.

Write one reasonable inference and label it.

16.

Find a reputable institution’s website for an Alabama natural feature.

17.

Record the real webpage or article title.

18.

Write a six-sentence sourced explanation.

19.

Identify one unanswered question.

20.

Advanced: compare two authentic sources and discuss their limitations.

Science: Matter and its properties

Learn: Matter takes up space and has mass. Materials can have observable properties such as solubility, color and conductivity. Water can change state through freezing, melting and evaporation; a change of state does not create a new chemical substance.

21.

Define matter.

22.

Name two observable properties of a material.

23.

Explain the difference between a solid and a liquid.

24.

Describe melting.

25.

Describe condensation.

26.

Identify one safe way to observe evaporation.

27.

Explain why the mass of a closed system is important when observing changes.

28.

Design a table recording material, property and measurement.

29.

Distinguish evidence from a guess.

30.

Advanced: explain how pressure can affect boiling point without performing unsafe experiments.

History and Social Studies: U.S. founding documents and historical participation

Learn: The Declaration of Independence was adopted in 1776. The Constitution was signed in 1787 and the government under it began in 1789. Rights and political participation were unequal in practice, and historical analysis should distinguish ideals from institutions.

31.

Name the document adopted in 1776.

32.

Name the document signed in 1787.

33.

What began in 1789?

34.

Create a verified timeline for those dates.

35.

Explain one different purpose of the two documents.

36.

Name a historically excluded group using a credible reference.

37.

Identify a primary source for this period.

38.

Explain why a later summary is not the same as the original document.

39.

Write a paragraph distinguishing ideals and historical practice.

40.

Advanced: cite a constitutional provision and discuss one historically relevant limitation.

Scripture Study: Covenant instruction and understanding

Read in context: Deuteronomy 6:4-9

Study note: Examine the passage’s address to Israel, instruction on loving Yahuah, teaching children and daily remembrance. Interpret the passage within its covenant setting.

41.

Identify the speaker and audience in context.

42.

Summarize verse 4.

43.

Describe the command in verse 5.

44.

What teaching activity is described in verse 7?

45.

What daily settings appear in verse 7?

46.

Explain why the text emphasizes remembering.

47.

Identify one direct command.

48.

Identify one inference not directly stated.

49.

Compare Deuteronomy 6 with a nearby passage on remembrance.

50.

Advanced: distinguish covenant command from a modern instructional analogy.