

EDUCATIONAL CONTENT EDITING & QUALITY REVIEW SAMPLE

Human review of AI-generated instructional materials

Purpose of this sample

This demonstration shows a practical quality-control method for reviewing AI-generated educational worksheets. The focus is not limited to spelling and grammar. It also checks instructional clarity, logic, grade appropriateness, question/answer alignment, consistency, and professional formatting.

Sample Review Scenario

Audience: Grade 6 **Subject:** Science **Topic:** The Water Cycle

The following fictional excerpt intentionally contains errors and weaknesses representative of issues that can appear in AI-generated instructional content.

ORIGINAL AI-GENERATED WORKSHEET EXCERPT

Directions: Read the paragraph below and answers the questions.

The water cycle describes how water move through Earth. Water evaporates when the sun heats lakes, oceans, and rivers. The water vapor then cool and forms clouds through condensation. Eventually, the clouds gets heavy and precipitation falls as rain, snow, sleet, or hail. Collection happens when water gathers in oceans and lakes before it evaporate again.

1. What happens during condensation?

A. Water falls from clouds B. Water vapor cools and forms clouds C. Water heats up in rivers

2. Which process always happens immediately after evaporation?

A. Collection B. Condensation C. Precipitation

3. Explain why precipitation is the most important part of the water cycle.

Initial QC Finding

The passage is usable as a starting point, but it should not be released as-is. It contains grammar errors, an overgeneralized sequence claim, a leading/unsupported open-response question, and opportunities to improve instructional precision and consistency.

QUALITY REVIEW: ISSUES IDENTIFIED

A human reviewer should evaluate both language mechanics and whether the educational task actually works.

Review Area	Finding / Recommended Action
Grammar & mechanics	"answers" should be "answer"; subject-verb agreement errors include "water move," "vapor cool," "clouds gets," and "it evaporate."
Instructional clarity	Directions should tell the learner exactly what to read and complete. Wording should be concise and consistent with the question types.
Scientific / logical precision	Question 2 says condensation "always" happens immediately after evaporation. The simplified cycle often teaches evaporation → condensation, but "always" and "immediately" make the statement unnecessarily absolute.
Question quality	Question 3 assumes precipitation is "the most important" part of the cycle. The passage does not establish that claim, so the question can reward opinion rather than comprehension.
Answer alignment	Question 1 has one clearly supported answer. Question 2 should be rewritten so the correct response is supported without relying on an absolute sequence claim.
Grade appropriateness	The vocabulary is generally suitable for Grade 6, but key terms should be used accurately and questions should test comprehension rather than ambiguity.
Formatting consistency	Directions, passage, answer choices, numbering, spacing, and response expectations should follow a consistent worksheet structure.

EDITED VERSION

Directions: Read the passage about the water cycle. Then answer Questions 1-3.

The water cycle describes how water moves through Earth's environment. Water **evaporates** when energy from the sun heats water in oceans, lakes, and rivers. As water vapor rises and cools, it can **condense** into tiny droplets that form clouds. Water may later return to Earth's surface as **precipitation**, such as rain, snow, sleet, or hail. Water that collects in oceans, lakes, rivers, and the ground can continue moving through the cycle.

1. What happens during condensation?

- A. Water falls from clouds.
- B. Water vapor cools and forms tiny droplets.
- C. Water in rivers is heated by the sun.

2. Which process forms clouds when water vapor cools?

- A. Collection
- B. Condensation
- C. Precipitation

3. In 1-2 sentences, explain how evaporation and condensation are connected in the water cycle.

FINAL QUALITY-CONTROL CHECK

Before release, the revised worksheet receives a final pass against a repeatable checklist.

- ✓ **Language**
Spelling, grammar, punctuation, sentence structure, and terminology checked.
- ✓ **Clarity**
Directions state what the learner should do; questions are concise and understandable.
- ✓ **Logic**
No contradictory, unsupported, misleading, or unnecessarily absolute statements remain.
- ✓ **Content alignment**
Questions can be answered from the passage or the intended learning objective.
- ✓ **Answer quality**
Multiple-choice items have one defensible best answer; distractors are plausible but not misleading.
- ✓ **Learner fit**
Vocabulary, sentence complexity, task length, and response expectations are appropriate for the stated grade level.
- ✓ **Formatting**
Numbering, spacing, headings, answer choices, typography, and visual hierarchy are consistent.
- ✓ **Human review**
The final document is read as a learner would experience it - not merely spell-checked.

QUALITY REVIEW OUTCOME

Result: The revised worksheet is clearer, grammatically correct, more logically precise, better aligned to the passage, and easier for a Grade 6 learner to complete. The process demonstrates the value of human judgment after AI-assisted content generation.

Review Methodology Demonstrated

Read for meaning → identify defects → verify instructional logic → revise → check question/answer alignment → standardize formatting → perform final learner-view QC.

This is a fictional demonstration sample created solely to illustrate editing and quality-control methodology. It does not reproduce client materials and contains no off-platform contact information.