

Appendix A

Template for the 5E Evaluation and Revision ChatGPT Assignment

What is your prompt for ChatGPT? (Should be some version of the following: Write a lesson plan in the 5E format for exploring sound in the second-grade classroom with some language from the state standards.)

What ChatGPT generated: (Paste here)

Use what ChatGPT generated to fill in the following table:

Objectives	What ChatGPT generated	My evaluation of what ChatGPT generated	What I would add/revise
Engage			
Focus students' attention on the topic.			
Activity to figure out what students know about the topic.			
Poses a problem or question for the students to explore in the next phase of the learning cycle.			
Explore			

Instructions for an activity that involves students in an investigation with hands-on materials and is connected to the problem/question introduced in <i>engage</i> .			
Data collection sheet for hands-on investigation.			
Questions to ask students while they are involved in their investigation.			
Explain			
Discussion questions related to <i>explore</i> investigation (to get students to use the information collected and report what they did).			
Teacher facilitates the discussion of students' tentative explanations while moving toward content understanding. Teacher facilitates introduction of vocabulary and explanation of science			

content ideas.			
Includes supporting resource(s) to represent vocabulary/concepts.			
Elaborate			
The teacher provides a context in which new information can be explored and that elaborates on what has been experienced in the earlier phases of the learning cycle.			
Students revisit “what they know” and explore further the questions posed by the teacher or peers.			
Evaluate			
Teacher continuously assesses students’ understanding throughout the cycle. This is demonstrated through: 1. Questioning			

2. Discussion 3. Observation (anecdotal) 4. Documentation 5. Formal assessments			
Students should be able to communicate their understanding and assess how their thinking has been altered or expanded.			

1. As a teacher, what three main areas of the generated lesson would you spend the most time revising to get the 5E ready for use in your classroom? Explain each.
2. What ideas from the ChatGPT lesson might you include in your 5E?
3. What were the limitations of using Chat GPT to plan a lesson?