

Research Instruments Survey

AI-Assisted Folklore-Based Story Writing in Elementary STEM Learning

A. Student Perception Questionnaire (5-point Likert Scale)

Response options: 1=Strongly Disagree, 2=Disagree, 3=Neutral, 4=Agree, 5=Strongly Agree

Learning Engagement

No	Statement	1	2	3	4	5
1	I actively participated during STEM learning activities.					
2	The folklore-based story writing activities kept me engaged.					
3	I enjoyed collaborating with my classmates.					
4	I remained focused throughout the learning sessions.					

Perceived Usefulness of AI

No	Statement	1	2	3	4	5
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5 The AI
 tool
 helped me
 generate
 ideas for
 my story.

6 AI
 improved
 the
 quality of
 my
 scientific
 explanatio
 ns.

7 AI helped
 me
 organize
 my story
 better.

8 AI made
 STEM
 learning
 easier.

Ease of Use

No	Statement	1	2	3	4	5
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9	The AI tool was easy to use.					
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10	I quickly learned how to use the AI tool.					
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11	I could complete the activities					
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without
technical
difficultie
s.

12 The AI
interface
was easy
to
understan
d.

Learning Motivation

No	Statement	1	2	3	4	5
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13	The activities increased my interest in STEM.					
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14	I was motivated to learn scientific concepts.					
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15	I wanted to complete my story as well as possible.					
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16	I would like to participat e in similar activities again.					
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Learning Satisfaction

No	Statement	1	2	3	4	5
17	I am satisfied with this learning model.					
18	The learning activities met my expectations.					
19	I would recommend this learning approach to other students.					
20	Overall, I enjoyed AI-assisted folklore-based STEM learning.					

B. Character Observation Sheet

Indicator	Description	Score (1-5)
Responsibility	Completes assigned tasks responsibly.	
Cooperation	Works effectively with peers.	
Honesty	Demonstrates honesty during learning.	

Respect	Respects teachers and classmates.
Environmental Awareness	Shows concern for environmental conservation.