

NASA Data & Interactive STEAM Learning Survey

Form Description:

This short survey aims to understand how learners and educators engage with NASA's space and planetary data, and how interactive digital books can enhance STEAM (Science, Technology, Engineering, Arts, Mathematics) education. Your responses will help improve future learning materials.

1. Which group do you belong to?

(Choose one)

- Teacher
 - Student (K–12)
 - University student
 - Others (parents, science enthusiasts, etc.)
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2. How easy do you find the space and planetary science data provided by NASA to understand?

(Choose one)

- Very easy
 - Easy
 - Difficult
 - Very difficult
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3. When learning STEAM subjects, which learning method do you prefer the most?

(Choose one)

- Reading traditional books
- Watching illustrative videos
- Learning through interactive applications or digital books

- Doing real-life experiments
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4. Do you find it difficult to understand complex science and technology concepts when learning only from printed books?

(Choose one)

- Very often
 - Sometimes
 - Rarely
 - Never
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5. Would you like to explore real NASA data (images, videos, audio, etc.) during your learning process?

(Choose one)

- Definitely yes
 - Yes, if it's easy to understand and engaging
 - Maybe, but I'm not very interested
 - Not necessary
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6. In your opinion, how much does using interactive books (with simulations, graphics, and dynamic data) help you learn more effectively?

(Choose one)

- Very much
 - Somewhat
 - Slightly
 - Not at all
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7. In your opinion, what is the main reason for developing interactive STEAM books based on NASA data?

(Choose one)

- To help students access modern scientific knowledge
 - To increase learning motivation through real experiences
 - To connect Vietnamese education with international data sources
 - All of the above
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8. Would you like to receive guidance materials on how to create an interactive book and use AI to learn and teach with NASA data?

(Choose one)

- Very interested
- Interested
- Neutral
- Not necessary