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Add ATL Session

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Total Events: 0

Add PTM

Total PTMs: 2



This is the Home Screen



Atal Tinkering Lab (ATL) Session Planning

ATLsessionID

Class

Teacher

No. of Students

Duration

ATL Level

ALT Module

ATL Session

Idea Brief

Session Detail

[Start new chat with ATL AI Assistant](#)

TIP: Use Shift+F2 for Zoom window

We want to plan and create a new ALT session



Atal Tinkering Lab (ATL) Session Planning

ATLsessionID	2
Class	5
Teacher	Sushma Sehgal
No. of Students	20
Duration	45
ATL Level	Level-1
ALT Module	Mechanics
ATL Session	Robotics Arm
Idea Brief	Planning, designing and constructing a cardboard arm from day to day material
Session Detail	

Start new chat with ATL AI Assistant

TIP: Use Shift+F2 for Zoom window

This info will be automatically shared with the ATL AI assistant



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Start new chat with ATL AI Assistant

Compose your message:

Ready

Send Message

Check AI Response

Sent this message to AI:

AI's response:

Check Previous Chats

Thread ID: 68

Created 29-08-2024 11:10:39 by Manish

We start the chat



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Start new chat with ATL AI Assistant

Compose your message:

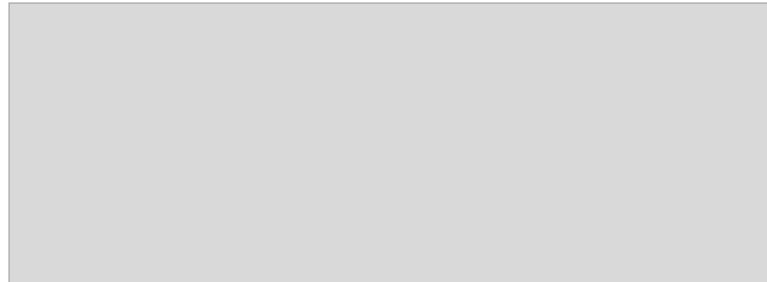
I'm unsure whether these students can manipulate the cardboard properly. Any idea about scaffolding their learning before diving into it?

Ready

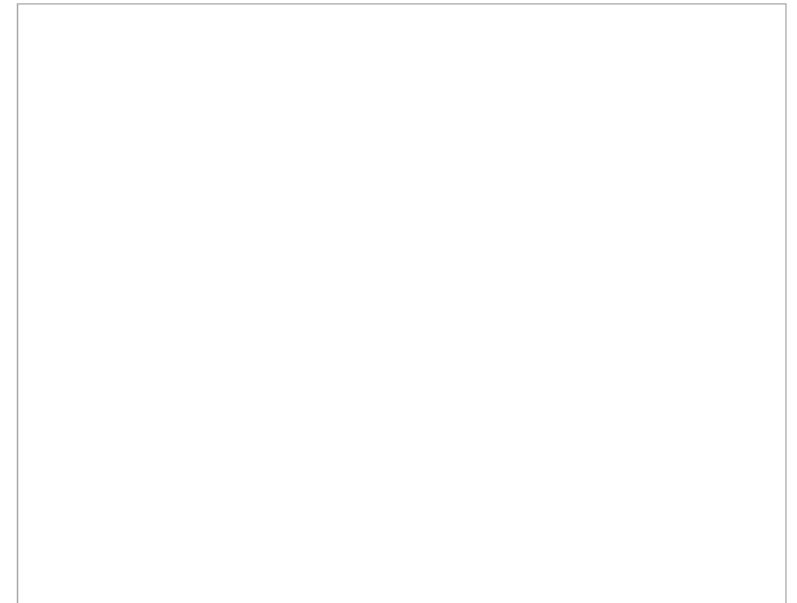
Send Message

Check AI Response

Sent this message to AI:



AI's response:



Check Previous Chats

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Created 29-08-2024 11:10:39 by Manish

We enter our query with regards to this session planning



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Start new chat with ATL AI Assistant

Compose your message:

Sent! AI is thinking...

Send Message

Check AI Response

Sent this message to AI:

I'm unsure whether these students can manipulate the cardboard properly. Any idea about scaffolding their learning before diving into it?

AI's response:

Check Previous Chats

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Sent! The AI is thinking. Referring to ATL curriculum



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Start new chat with ATL AI Assistant

Compose your message:

Received from AI!

Send Message

Check AI Response

Sent this message to AI:

I'm unsure whether these students can manipulate the cardboard properly. Any idea about scaffolding their learning before diving into it?

AI's response:

- **Introduction to Cardboard Manipulation**: Begin with a short demonstration showing how to manipulate cardboard pieces. Use simple shapes to create basic structures, allowing students to practice cutting, folding, and gluing before starting on their robotic arms.
- **Collaborative Model Building**: Split students into small groups and assign each group a small task, such as building a component of the arm (like a finger or palm). This fosters collaboration and allows students to gain confidence in their abilities before tackling the complete arm.
- **Design and Sketch Session**: Before constructing, have students sketch their ideas on paper. This helps them visualize their designs and plan their materials, facilitating a smoother transition to the hands-on activity.

Check Previous Chats

Thread ID: 68

AI's response

Sisyphus Home × ATL Session Planning ×

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TIP: Use Shift+F2 for Zoom

Zoom

****Introduction to Cardboard Manipulation****: Begin with a short demonstration showing how to manipulate cardboard pieces. Use simple shapes to create basic structures, allowing students to practice cutting, folding, and gluing before starting on their robotic arms.

- ****Collaborative Model Building****: Split students into small groups and assign each group a small task, such as building a component of the arm (like a finger or palm). This fosters collaboration and allows students to gain confidence in their abilities before tackling the complete arm.

- ****Design and Sketch Session****: Before constructing, have students sketch their ideas on paper. This helps them visualize their designs and plan their materials, facilitating a smoother transition to the hands-on activity.

- ****Guided Practice with Simple Tools****: Provide a short tutorial on using scissors, glue, and other tools safely and effectively. Allow students to practice with scrap cardboard to build basic shapes, ensuring they are comfortable before moving on to the arm construction.

- ****Show and Share****: After the initial practice, facilitate a session where students can share their small models or sketches with the class. This builds confidence and encourages peer learning, as students can talk about the challenges they faced and how they overcame them.

Zoom

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Full response for better readability



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Compose your message:

Received from AI!

Send Message

Check AI Response

Sent this message to AI:

Great, any chance of using clay or popsicle sticks?

AI's response:

- **Clay Joints Activity**: Use clay to create joints for the robotic arm. Students can form balls of clay to serve as pivot points for movements, allowing them to experiment with how joints work in mechanics. This reinforces the concept of movement while providing a tangible hands-on experience.
- **Popsicle Stick Framework**: Introduce popsicle sticks as a lightweight and sturdy framework for the robotic arm. Students can design the skeleton of the arm using these sticks, which will help them understand structural integrity and balance while working collaboratively.
- **Combination Model Creation**: Encourage students to combine clay and popsicle sticks in their designs. For instance, they can use popsicle sticks for the arm structure and clay for the joints. This fosters creativity and allows them to explore different materials' properties.

Check Previous Chats

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Since we have clay and popsicle sticks, we ask a follow up query. That's it. More in the video I'm making.