

P2 CT for 3D Design

Due tomorrow at 11:59 PM

Instructions

Computational Thinking in 3D Design

In the attached PowerPoint, use screen captures from your Tinkercad assignment to demonstrate how you APPLIED the following Computational Thinking practices: :

- Decomposition (what was the problem; what smaller pieces did you break it into?)
- Pattern Recognition (what parts is the problem made of; what actions repeat?)
- Abstraction (in what ways did you make one thing that can be used in more than one situation?)
- Algorithms (what "recipes" did you make; what "problems" did they solve?)

Please attach an image of your design for me to see using the "Add work" link below.

For:

- 3D Designs: use the "Send To" button (top right) > "Picture of your design"
- Codeblocks: use the "Share" button (top right) > Animated GIF

Student work

Computational Thinking - 3D Design 1.[pptx](#)

Points

1 point possible

Rubric

ADST Man-Fab

	NO EVIDENCE	0	Beginning	1	Developing	1	Applying	1	Extending	1
Computational Thinking: the Four Practices (Decomposition, Pattern Recognition, Abstraction & Algorithms)	No evidence presented		Identify and define the computational thinking practices		Describe some computational thinking practices using code blocks with short descriptions		Explain all computational thinking practices (using code blocks with short descriptions)		Generalize computational thinking practices from this project to other projects	

[Assignments: P2 CT for 3D Design | Due May 31](#)

posted in STEM 9 Templeton 2021 / P2-ADST Survey at May 28, 1:36:10 PM