Student Worksheet, Day 1 of 4

Pre-Reading - What problems do you think would come from anyone being able to print anything they want at home?



Read the article "Will 3D Printing Revolutionize Manufacturing?" and review vocabulary. Mark the portions of the article with "P" if the text is describing past manufacturing methods. Mark "F" if text is describing future manufacturing methods. Mark "S" if the text is describing a savings of time, money or labor.

Post Reading - Using Textual Evidence

1. Whose process is most manufacturing today based upon?

2. Describe subtractive manufacturing.

3. What changes will 3D printing have on traditional manufacturing?



Student Worksheet -Directed Note-Taking, Days 3 and 4

"Subtractive Manufacturing"

Article: Will 3D printing revolutionize manufacturing?

Guiding Question: According to the text and your tour, According to the text and your tour, what are the benefits of subtractive machining?

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*Paragraph Number	Evidence from Tour (check box)	Write your notes from your reading and tour in the rows below, check the appropriate boxes based on the type of observation you make.	Additive Machining	Subtractive Machining	Production Processes	Savings (Time, Money, Labor)

^{*}Use paragraph number for textual evidence



Student Worksheet -Directed Note-Taking, Days 3 and 4

"Subtractive Manufacturing"

Article: Will 3D printing revolutionize manufacturing?

Guiding Question: According to the text and your tour, what are the benefits of subtractive machining?

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Student Worksheet, Day 4 of 4

Directions: Write your answer to the question using information you learned from the article, in your discussion and on your tour. Be sure to use information from the text to justify your answer. Be sure to use complete sentences and correct punctuation and grammar.

ercome the benefit	s of subtractive machin	ning'?	

