3-D Printing Imagine downloading instructions, clicking "print," and in a few hours, your 3-D printer creates anything from a car part to a prosthetic limb. It sounds like science fiction but it's becoming a reality for more people. In the past, only industrial companies used them to make prototypes and parts. Now, you can buy a basic model for as little as \$500. A 3-D printer works by spraying thin layers of plastic, metal, or ceramics that are built up into shapes. The possibility of someone printing something dangerous, like a gun, has raised security concerns.

Start Here

Anchor 8: Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism **Skill:** Evaluate evidence

INSTRUCTIONAL STRATEGY	DIFFERENTIATION SUGGESTIONS	RESOURCE(S)
WHAT'S THE BEST EVIDENCE/TYPE OF EVIDENCE?	 Students investigate historical questions by reading primary document excerpts and utilize various reading strategies Students evaluate the trustworthiness of multiple perspectives on historical issues Students make claims based on documentary evidence 	Stanford History Education Group
EXPLAIN THE EVIDENCE		Graphic Organizer (GED Testing Service)
VARIOUS ACTIVITIES		Exercises from Writing for the GED Test 3 (New Readers Press) iCivics.org - free web resource

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Skill: Quote without plagiarizing

INSTRUCTIONAL STRATEGY	DIFFERENTIATION SUGGESTIONS	RESOURCE(S)
SHORT QUOTE + EXPLANATION ("THIS MEANS") After each short quote (1-2 lines), instruct students to always start the next sentence with "This means" More advanced students will be able to incorporate this element in various ways, but for lower-level students, explicitly outline how to begin the explanation, or warrant, of each piece of evidence.		
QUOTE SPECIFIC CONCLUSIONS + EXPLANATION		
LIMIT QUOTES; LEAN TOWARD PARAPHRASING When using quotes, limit the number of direct quotes in your response	 no more than 2 in your response no more than 1 per body paragraph 	
START WITH "ACCORDING TO" When using words that are not your own, begin the sentence with "According to (source), "(words from the text)." Then in your own words, explain why the quote is important to your claim.	 Lower levels: provide a complete sentence frame – for example: According to, the [did] This means that Higher levels: teach students to make a full citation 	MLA Formatting Quotations (Purdue OWL website)

Anchor 8: Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

Skill: Paraphrase without plagiarizing

INSTRUCTIONAL STRATEGY	DIFFERENTIATION SUGGESTIONS	RESOURCE(S)
CHANGE THE VERBS (& ADJECTIVES) Have students highlight or underline all the verbs in the passage. Next, instruct students to brainstorm synonyms for the highlighted/underlined verbs. Then, students need to choose synonyms that accurately replace each verb. After completing this step, the rest of the paraphrasing flows more naturally.	 Lower level: underline some or all of the verbs for them to find synonyms Higher level: have students also identify adjectives that can be substituted This activity can be done individually, in pairs, or as a large group. 	
WHO/WHERE? DID WHAT? Identify who or where the passage is about? Then ask what happened ("Did what?")		
READ & RETELL Read a text. Then turn the paper over and tell your partner what the text said.		
RESTATE STATE SUMMARIES Read a state summary and then restate it in your own words	 Introduce paraphrasing rules Provide short "state-by- state" summaries in USA Today Select one and model paraphrase for students Students select one state summary and paraphrase 	USA Today
START WITH "ACCORDING TO" When using ideas that are not your own, start the sentence with "According to (source), put the ideas into your own words. Then explain how it's important to your claim.	 Lower levels: provide a complete sentence frame – for example: According to, the [did] This means that 	