

ELA Lesson

EQ: How do inquiry, imagination and innovation drive change?

Text: *Ada's Ideas - The Story of Ada Lovelace, The First Computer Programmer* - Fiona Robinson

Standard: LAFS.8.RI.3.7

Time & Facilitator	Procedure	Materials
6 minutes	<p>Partner Up Write and Reflect Activity</p> <ul style="list-style-type: none">- Give each pair of students a photo with text (one of the "living, breathing running shoe" and one of the "mind reader"). Copy front to back- The A's will have the "Mindreader" and will only be able to read to their partner about it and not show them the picture (1 min.)- The B's will have the "Shoe" and will only be able to show them the photo (but we'll give them the content)...cannot talk about it or tell them any information.- Students share what they were envisioning or what they think the object is- Then we'll give them a minute to share the photo &/or content and discuss the advantages and disadvantages of each.- They go back to their seat and write and reflect on the advantages and disadvantage of each.	Journals Print-outs and Text
20 minutes	<p>Level 3 Mastery Activity</p> <ul style="list-style-type: none">- Students will rotate through different stations with various mediums (print/books, audio, web, visuals- They will only have 5 minutes in each rotation- Students will use a note-catcher (WOW) to catch as much as they can about Ada's life- Go back to their seat to synthesis about their experience and to evaluate the	Visual Display 5 digital devices Video &/or Audio Variety of Books on Ada

	<p>advantages and disadvantages of each medium. Question: After reviewing all versions of the presentations, what are the advantages and disadvantages of each? Which is most effective at presenting a deeper understanding of the topic? Use examples of the different mediums to support your evaluation</p>	
10 minutes	<p>Collaborative Activity</p> <ul style="list-style-type: none"> - Four Corners: students choose the corner on which they think is the best way to present information - As a group, discuss the advantages but to also discuss what to rebuttal & prepare your responses because you're going to try to convince them yours is the best (debate them) - Students can either come to the front and debate or they can find students from other teams to debate to get all students involved - Take A Stand - Debate 	<p>Chart Paper Markers Easels</p> <p>This is where the teacher can model going around to each group asking higher-order questions</p>
5 minutes	<p>Exit Ticket</p> <ul style="list-style-type: none"> - WIO - If you had to share Ada Lovelace's life story, how would you present & why 	
10 minutes	Reflection	