



# TECHNOLOGY TIMELINE

## Overview

Book: *Feed* by M.T. Anderson

Grades 9-12

The story centers on the fictional concept that technology has changed to the point that it is thoroughly integrated into the human anatomy. With this PBL, students research a technology of today, present its history, and predict the future of the technology.

## Standards

RST.9-12.1	Cite specific textual evidence to support analysis of science and technical texts.
RST.9-12.8	Distinguish among fact, reasoned judgement based on research findings, and speculation in text.
W.9-12.7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
W.9-12.8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.
W.9-12.9	Draw evidence from literary or informational texts to support analysis, reflection, and research.
SL.9-12.2	Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.

SL.9-12.4	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.
SL.9-12.5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.

## Objectives

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Students will research a current technology and determine a timeline of historical events that lead to its present day format.

Students will predict the future of the selected technology.

Students will create an interactive timeline that displays the history and predicts the future of the selected technology.

Students will present the timeline to the class.

Students will document at least 5 different resources used in research.

## Materials Required

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Access to computers and/or library

Software to create an interactive timeline. Here are some options to explore.

<https://elearningindustry.com/top-10-free-timeline-creation-tools-for-teachers>

<http://www.ispringsolutions.com/blog/top-10-free-and-paid-interactive-timeline-makers/>

<https://myelearningworld.com/top-12-timeline-makers/>

## Procedure

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1. Discuss how the internet technology was portrayed in the story.
2. Have students spend some time talking about current technological inventions and what they were like in the past.
3. Divide students into groups.
4. Tell students that they are to select a current technology. They will then create an interactive time line documenting the history of the technology and make predictions about its future development or use.

5. Students should explore at least 5 different resources
6. The time line should include:
  - At least 10 dates/facts.
  - At least 3 people important to the development
  - At least 2 predictions about the future
  - A visual representation of each of the 15 minimum requirements
7. If needed, spend some time instructing students how to use the timeline creation tool selected.
8. Allow plenty of time for research and timeline construction.
9. Have a class period where students share their timelines and answer questions.

## Extensions

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1. Have students create an infomercial about their futuristic technology.
2. Encourage students to research other historical events that were occurring during the same period as one or more of the dates on their timeline. Did that have any effect on the progress of the technology?

## Rubric

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RUBRIC	Exceeds (3)	Meets (2)	Partially Meets (1)	Does Not Meet (0)
Research	Six or more resources were used	Five resources were used	Three or four resources were used	Two or fewer resources were used
Dates/facts	Eleven or more dates/facts are represented	Ten dates/facts are represented	Six to nine dates/facts are represented	Five or fewer dates/facts are represented
People	Four or more key people are included	Three key people are included	Two key people are included	One or zero key people are included
Predictions	Three or more predictions are included	Two predictions are included	One prediction is included	No predictions are included

	included Three or more predictions are included			
Visual Representation	Eleven or more visual representations are included	Ten visual representations are included	Six to nine visual representations are included	Five or fewer visual representations are included
Organization	Information is very well organized, logical and easy to follow the chronology	Information is logical and easy to follow the chronology	Information is poorly organized with some correct chronology	Information is poorly organized and chronology is incorrect
Presentation	Voice quality, tone, volume, and clarity of presentation were outstanding	Voice quality, tone, volume, and clarity of presentation were satisfactory	Voice quality, tone, volume, and clarity of presentation were barely adequate	Voice quality, tone, volume, and clarity of presentation were poor
Total n/21				

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