

Student's Name: _____
School and Teacher: _____

Career and Technical Education
Phase IV: May 18 – June 5, 2020
Grade 8: Technology Foundations
(Credit bearing only)

To complete segments of the Phase IV activities, all tech foundation students will watch episodes of the show, *The Henry Ford's Innovation Nation*. This can be viewed on regular television on Saturday mornings at 11:00 a.m. on CBS, on the CBS website, or on Youtube. *The Henry Ford's Innovation Nation* is a weekly presentation that showcases present-day change-makers from all over the world who are creating solutions to real needs. Each episode presents stories related to the process of innovation and other historical archives. The intent of this show is to stimulate curiosity and to inspire audiences with entertaining and educational stories about yesterday and today's visionaries, innovations, and inventions that changed the course of history and the world today.

To begin, students are to select two episodes to view. You may choose two current or past episodes. All episodes can be accessed for free via the regular TV channel or online at <https://www.thehenryford.org/explore/innovation-nation/episodes/>. Please contact your teacher or school if you need assistance with accessing the episodes or related information.

Student Viewing Guide and Assignment

It is always good to have a purpose for viewing something on the computer or at home on the television. Below is the viewing guide in which students are responsible for answering all questions. Your summary and opinion of the episode's inventions and innovations will be shared with your teacher and classmates. Your teacher will provide any additional instructions and assistance related to this assignment.

1. Identify the specific season and episode of Innovation Nation watched by you. Include the title.
2. Provide a written summary of each episode. There are normally several inventions/innovations featured during one episode. You can select two per episode for your summary. Make sure that you include the following:
 - The type of inventions /innovations that were featured on the episodes viewed. Identify the inventor or innovation team responsible.
 - Discuss the purpose, need, or problem that sparked the invention or innovative idea? How was it resolved?

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MIDDLE SCHOOL GRADE 8: Technology

- Is there a specific population that has or will benefit from this invention/innovative idea?
 - Thinking ahead, will this invention or innovative idea lead the way to other new or emerging technology? Did this invention/innovation involve any type of virtual or augmented reality.
3. Discuss what you believe to be the past, current, or future impact of these inventions and innovations on society. Could you see yourself using any of these featured technologies? If so, what would you use and how/why would you use it?
 4. You may just be the next innovator of the future. Do you have any ideas for future inventions? Please feel free to share.