



Soy and World Hunger

Teacher Instructions

If computer access is unavailable to students, hard copies of the essential resources are included on the website for this lesson.

Part 1: Introduction and World Hunger Research (1-2 class periods)

"Hire" students as advertisers on behalf of the World Soy Foundation.

- Hand out "Mission and Research Notes" to students. Read over their "mission" with them and point out the research resources they can access. If needed, review how to use the research notes.

Introduce students to world hunger through a video clip from the Revolution Hunger website.

- <http://www.revolutionhunger.org/video>. (Revolution Hunger is written specifically for students about the role they can have in solving world hunger.)

Students conduct research:

- Students access "The Issue" page of the Revolution Hunger website <http://www.revolutionhunger.org/the-issue>. A hard copy is also located on the website page for this lesson. Students use their research notes to record information on several aspects of hunger from the site.
- Show this engaging TED talk as a secondary resource for note-taking: "Ending Hunger Now" by Josette Sheeran https://www.ted.com/talks/josette_sheeran_ending_hunger_now?language=en

Extension:

- Students can explore more resources located on their "Mission" page.

Part 2: Soy Solutions Research (1 class period)

Present soy-based solutions, students continue their research notes.

- Use the PowerPoint presentation Soy Bean Report to describe soy-based solutions to students. Students take research notes as you present.

Extension:

Students can explore the additional resources on soy found on their "Mission" page. Hard copies of several infographics are located on the website page for this lesson.

Part 3: Infographic Creation (1-2 class periods)

Students draft, edit and revise their infographic advertisement..

- Students use the "Rough Draft" sheet to create a draft of their infographic advertisement.
- Students submit their draft to a peer for editing using the "Infographic Rubric".
- Using the website Piktochart, or by hand on paper, students create a final draft.

NOTE: If students are using the Piktochart website, they will need an email address and be required to create a login. Students may use the "How to Create an Infographic in 5 Minutes" article to help them with Piktochart.

Extension:

Have students present their infographics to the class. The class may act as the World Soy Foundation and vote on which infographic won their business and will be sent to print!



Modifications:

- Scaffolding: As a whole-class discussion, brainstorm 3 specific world hunger issues or causes, and 3 soy solutions to solve them (during and after note-taking if students have trouble isolating these items).
- Simplify the infographic: students can focus on one world hunger issue and one viable soy solution to solve it in their advertisement.
- Groupwork: students may work in groups to create one infographic per group, and share research responsibilities.
- Pair up with a language arts teacher for the process of research, note-taking, citation and peer editing.
- If students are new to infographics use the “Additional Resources”, in the “Infographics” section to help them understand the concept of an infographic.

Additional Resources (by topic):

Infographics

“What are Infographics?” Jean Williams, Youtube video.

- <https://www.youtube.com/watch?v=x3RTS1JfMy8>

“How to Create an Infographic in 5 Minutes” Piktochart

- <http://piktochart.com/how-to-create-infographic-in-5-minutes/>

“Infographic Layout Cheat Sheet” SeeMei Chow, Piktochart.

- <http://piktochart.com/layout-cheat-sheet-making-the-best-out-of-visual-arrangement/>

Soy

World Soy Foundation

- www.wsf.org

World Initiative for Soy in Human Health

- www.wishh.org

Grow Next Gen

- www.grownextgen.org

World Hunger

World Food Programme: 9 Infographics That Will Help You Teach Hunger

- <https://www.wfp.org/students-and-teachers/teachers/blog/nine-infographics-will-help-you-teach-hunger>

Mathile Institute for Advancement of Human Nutrition: Implications of World Hunger (infographic)

- <http://mathileinstitute.org/the-implications-of-hidden-hunger/>

Food and Agriculture Organization (UN): The State of Food Insecurity in the World in 2015 (map)

- <http://www.fao.org/hunger/en/>