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Plant-Based Meat: An Evaluation Exercise

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Evaluation: Plant-Based Meat

Lesson Originally Created by: Anna White

Date: 08/2020

Lesson Overview:

In this lesson, students are introduced to Mike Caulfield's SIFT method as an evaluative strategy. They then use SIFT to evaluate three sources designed to answer the question "Is plant-based meat healthy?" They look for strengths and weaknesses (or red flags/green flags) of each source, then determine their answer to the question based on the information given.

Objective:

- Which [FYW objectives](#) does this lesson cover?
 - Objective 1
 - Objective 2
 - Objective 3
 - Objective 4
 - Objective 5
 - Objective 6
- Which Instructional Programmatic Assessment Rubric categories does this lesson cover?
 - Inquire
 - Access
 - Evaluate
 - Synthesize
 - Cite
 - Emotional States
- What specifically do you hope students will learn? (other objectives, skills, or tools)
 - Students will be able to evaluate web sources in order to defend their level of trust in that source.
 - Students will be able to apply the Caulfield SIFT method to web sources in order to practice evaluative skills.

Time:

- 45 minutes

Materials:

- List of materials required/recommended (including links sites, videos, references to handouts, etc.)

- [SIFT infographic](#), video, or handout
- [Links to three websites for evaluation](#)

Assessment:

- [Assessment Google Form](#)
 - Asks students to identify strengths and weaknesses of each source, then make a determination on their research question
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Pre-Lesson:

Send SIFT videos for any interested students—pre-work not required.

Opening:

- Introduce Anna (1 minute)
- Introduce agenda: SIFT, evaluation practice, and WHY: information evaluation is important when choosing sources for a class project OR for using information in life decisions (3 minutes)
- Time: 4 minutes

Lesson:

- Introduce SIFT, explaining each step (7 minutes)
- Introduce the research question: Is plant-based meat healthy? (1 minute)
- Show Google Form activity: review each website using the SIFT method, list what you “notice” (strengths and weaknesses, red flags vs. green flags, etc.). Finally decide, based on what you’ve read and what you trust, is plant-based meat healthy? (3 minutes)
- Class works independently. (15 minutes)
- Review worksheet together in class discussion. (10 minutes)
 - Highlight “bias” and “agenda” of each source
 - Point out the difference between “bias” and “false”
 - Discuss options for balancing bias
 - Take a class vote: can they determine if plant-based meat is healthy from these sources?
- Time: 36 minutes

Closing:

- Wrap-up
- Where to go for further help (Librarian contact info, Knowledge Market, Library locations, chat, text, email)
- Allot time for questions (3-5 minutes)
- Time: 5 minutes

