

[TEACHER NAME], [TEACHER NAME], [TEACHER NAME]

Activity Title: “Personality Quizzes... and what do they really mean?” Subject: Computer Literacy / Computer Science Grade: 5 - 7		Duration: Two 30-40 minute periods
Learning Objectives: The student will be able to... • Students will learn to collect and use digital data in a computational artifact. • Students will identify and discuss issues related to the collection and use of public and private data. • Students will research and discuss the ethics surrounding computing technology.		End product: The student will create... • Personality Quiz using Google Forms • Students will evaluate the effectiveness of their quizzes.
Desired Results		
Standards Alignment: • 4.6.IC.5 Explain how computer systems play a role in human decision making. • 4.6.IC.4 Explain who has access to data in different digital spaces.	Vocabulary: • Personality Quiz • Artificial Intelligence • Algorithm • Data • Cookies • GPS Monitoring	Resources (provide URL to slides, videos, etc.s): • https://kids.nationalgeographic.com/games/personality-quizzes • https://www.youtube.com/watch?v=Da5TOXCwLSq
Summary/Timeline of Activity: <i>(Be sure to include teacher actions and student actions during each part of the lesson)</i> Have students choose and take a personality quiz from National Geographic. https://kids.nationalgeographic.com/games/personality-quizzes With a partner, have students discuss their quiz results; whether they agree or disagree with the results , and the types of questions they were asked. As a class, discuss how we think National Geographic comes up with these results. Introduce the idea of algorithms. Watch video https://www.youtube.com/watch?v=Da5TOXCwLSq Have students create their own “personality quizzes” using google forms. Brainstorm things that need to be included - general topic, types of questions, scoring criteria... Have students complete a few surveys and look at results to see if they were accurate. What are some ways algorithms are used that are helpful? Hurtful?? What information are you giving out and how could it be used? How might the results of a personality quiz influence your own decision making? What are the limitations?		

Assessment Evidence

Formative Assessment:

Have students respond to the prompt. Does your personality quiz work? Why or why not?

Extensions:

- Future lessons can discuss the how the use of cookies and GPS Monitoring impact algorithms and ways companies or individuals use this data
- Guest Speaker from Google or local college AI program can be invited into the classroom