

# Activities for Improving Data Literacy: Understanding Research

## Is this research from an authoritative source?

This activity is designed to understand the importance of data literacy when consuming news media by using critical thinking skills to evaluate information, sources, and reputability.

1. Find a news article about a recent research study.
2. Look for other outlets that reported the same research.
3. Compare the discussions of the findings.
4. Identify the sponsors or source of funding of the study.
5. Review the original findings of the research and compare them to the news article.
6. Answer the following questions:

How did each news outlet explain the findings? \_\_\_\_\_

\_\_\_\_\_

What did the news sources leave out of their coverage? \_\_\_\_\_

\_\_\_\_\_

What motivations can you identify for the hypothesis? \_\_\_\_\_

\_\_\_\_\_

Are the findings made clear in the headlines? \_\_\_\_\_

\_\_\_\_\_

How was the data collected? What was the sample size? \_\_\_\_\_

\_\_\_\_\_

What are the limitations of the data or method of research? \_\_\_\_\_

\_\_\_\_\_

Who will this information affect, and why? \_\_\_\_\_

\_\_\_\_\_