

BHAG (Big Hairy Audacious Goal) – Overarching Course Goal

Learners will use basic skills of a statistician to research social media platforms teenagers use to create a product, video, or presentation that provides data analysis communicating the results.

Learning Goals	Learning Activities	Assessment
<p>Foundational Learners will identify and interpret numeric and categorical data with numerical and graphical summaries.</p> <p>Learners will identify the types of social media available for teenagers</p>	<p>Flipped learning video lessons for instruction and knowledge base of numerical and graphical summaries.</p> <p>Active learning during class time (such as interactive online games, small group collaboration, gallery walks).</p> <p>School wide student survey via google forms and online research.</p>	<p>Summative (Tests and Quizzes)</p> <p>Formative (Kahoot, Nearpod, Worksheets)</p> <p>Discussion</p> <p>Reflection</p>
<p>Application Learners will identify social media platforms and analyze and evaluate the data collected.</p>	<p>Review and examine the relevant data sources to identify social media platforms that teenagers use.</p>	<p>Discussion</p> <p>Tables & Lists</p>
<p>Integration Learners will create graphical representation displaying numeric data.</p> <p>Learners will summarize data with numerical and graphical summaries.</p>	<p>Review each graph and decide as a group which one best represents the data.</p> <p>Learners will examine their data and summarize the results to reflect the data.</p>	<p>Graphs</p> <p>Number Sets</p> <p>Numerical Summaries</p>
<p>Human Dimension/Caring Learners will recognize that most conclusions are derived from data analysis</p>	<p>Review and discuss the social media platforms discovered to be most used today.</p>	<p>Discussion</p> <p>Reflection</p>

and see where they fall in the data.		
Learning How to Learn Learners will compile web-based resources and survey results into a presentation form for peer review.	Learners will create their final product, video, or presentation to the class. Reflect on the various ways to analyze data as they hear and see what their peers did.	Project Presentation