

Pre-Writing Brainstorming Document

Topic: The Impact of Social Media on Students' Academic Performance

Brainstorming Notes:

- Social media platforms: Facebook, TikTok, Instagram, X (Twitter)
- Positive impacts:
 - Access to information
 - Peer learning opportunities
 - Easier communication with teachers
- Negative impacts:
 - Distraction and procrastination
 - Reduced study time
 - Mental fatigue
- Research angle:
 - Relationship between time spent on social media and academic performance

Freewriting Notes:

Students often spend hours scrolling through TikTok instead of revising.

Some students benefit from YouTube tutorials for studying.

This helped narrow the topic toward the effect of time spent on social media.

Refined Topic:

"The relationship between social media usage and students' academic achievement."

Scientific Method Breakdown:

Observation:

Many students spend long hours on social media and struggle with poor grades.

Research Question:

Does excessive social media use lower students' academic performance?

Hypothesis:

Students who spend more than three hours daily on social media tend to perform poorer academically.

Investigation Steps:

- Survey students on daily social media use and GPA/grades.
- Conduct statistical analysis to identify correlations.
- Use control variables such as study habits, age, and field of study.

Analysis & Conclusion:

If higher usage correlates with lower grades, hypothesis is supported.

If not, refine hypothesis and compare platform differences (e.g., YouTube vs TikTok).

Reflection:

Pre-writing helped narrow a broad idea.

The scientific method structured the topic into a logical research plan.