High School STEM Activity

Topic: Mobile App Development

Objective

Students explore concepts and design solutions related to mobile app development.

Materials

• Laptop or tablet
• Internet access
• Notebook
• Chart paper
• Markers

Procedure

1. Introduce the concept of mobile app development.
2. Discuss real-world applications.
3. Identify problems to solve.
4. Design a model or system.
5. Present and explain solutions.

Observation / Notes

Observation/Idea	Notes

Discussion Questions

• Why is mobile app development important?
• What problems does it solve?
• How can technology improve it?
• What careers use this field?

Extension Activity

Design a project related to mobile app development and present your solution.

Mobile App Development - Sample Design

User — App — Output