

High School STEM Activity

Topic: Robotics Engineering

Objective

Students explore concepts and design solutions related to robotics engineering.

Materials

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

Procedure

1. Introduce the concept of robotics engineering.
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 robotics engineering important?
- What problems does it solve?
- How can technology improve it?
- What careers use this field?

Extension Activity

Design a project related to robotics engineering and present your solution.

Robotics Engineering - Sample Design

