



Lesson Plan

Designed by Piri Reis school, Turkey

Title of Activity: Change Hackathon: From Idea to Action	Subject area: Citizenship and Democracy, Social Studies, Design Thinking
Grade Level(s): Grades 6–12	Duration: 80 Minutes (2 Class Periods)

Learning objectives:

By the end of the lesson, students are expected to:

- Experience that student voices are significant and can change real-world outcomes.
- Develop the ability to create creative, low-cost, and feasible solutions to real-world problems.
- Gain effective presentation (pitching) and persuasion skills directed at authority figures (school administration).

Teaching Method:

Project-Based Learning (PBL), Inquiry-Based Learning.

Teaching Techniques:

Group work, brainstorming, pitching, poster/prototype preparation.

Materials / Resources / Technology use: *Poster paper, colored markers, recyclable prototyping materials, stopwatch/timer.*

Activity Description

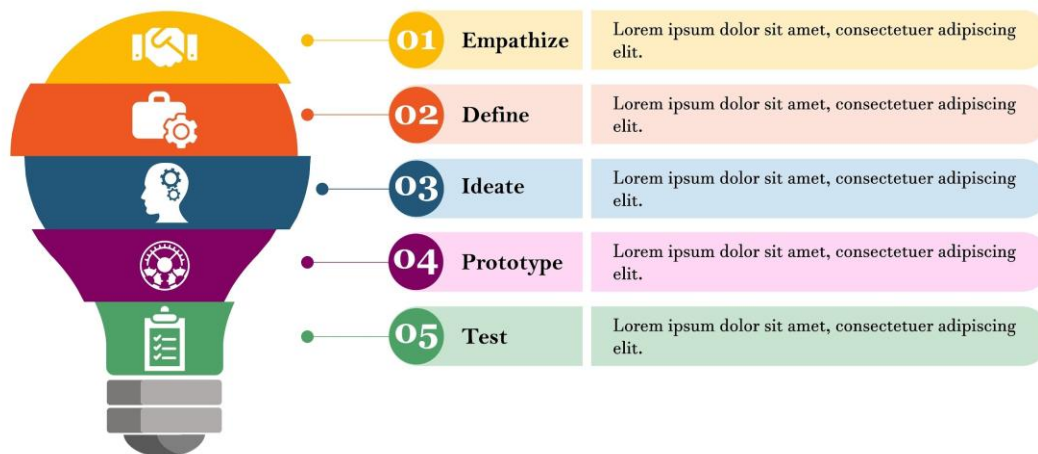
Introduction:

The school principal or an administrator is invited to the classroom. The administrator presents a real challenge the school is facing (e.g., "Congestion in the cafeteria line" or "Ineffective waste sorting") as a "**Challenge**" to the students.

Step 1 (Teamwork and Design):

Students are divided into teams of 4–5. The "Hackathon" marathon begins. Teams design a creative and feasible solution to the presented problem. They visualize their ideas using a poster or a simple prototype.

Design Thinking Process



Step 2 (Pitching):

Teams have 3 minutes each to "sell" (persuade) their solution to the school administrator. Presentations must highlight the cost, feasibility, and benefits of the solution.

Step 3 (The Decision):

The school administrator evaluates the ideas. The most logical and applicable idea (or ideas) is selected.

Conclusion:

The administrator gives an official pledge or guarantee that the selected idea will be implemented within the school. The teacher concludes the session by emphasizing how a good idea and organized action can influence authorities.

Assessment:

- **Alternative Assessment:** A rubric prepared by the administrator and teacher, including criteria such as "Feasibility," "Creativity," and "Presentation Skills."
- **Self-Assessment:** Students are asked to write a short reflection on the question: *"Did I feel that my voice was heard?"*