

Problem solving

The Canteen Challenge



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Let's start

Is teamwork important? Why?
Do we need to use creativity in addressing challenges?



Understanding the problem

Why are queues so long?
What healthier food options could be introduced?
How can seating be optimized within the available space?

Powerful questioning

Why do you think long queues are a major issue? How could technology help address this?

What trade-offs are you making with your chosen solutions, and how might they affect other aspects of the canteen experience?



Let's reflect:

- I can confidently analyze and address problems in collaboration with others.
- I can apply critical thinking and make informed decisions in various situations.
- I can demonstrate an understanding of how to balance creativity and practicality when solving problems.

Assessment

Let's get ready

This lesson is about:

- Developing students' problem-solving skills
- Fostering teamwork and communication
- Encouraging creativity and practical thinking



The Canteen Challenge

- 1 The school canteen have complaints about long queues, unhealthy food options, and insufficient seating.
- 2 Teams have a budget of \$2000 and a two-month timeline to propose solutions.
- 3 Divide into teams.



Action development plan:

- Steps for implementation
- Estimated costs and resources
- Expected outcomes and impact



Let's discuss

What challenges did you face while brainstorming solutions?

How did you prioritize your ideas?

How can these strategies help you solve other real-world problems?



Let's present



Let's start

Is teamwork important? Why?
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Brainstorming solutions

What modern solutions (e.g. technology) could streamline operations?
How can you use the budget creatively to address multiple complaints?



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The Canteen Challenge

1

The school canteen faces complaints about long queues, unhealthy food options, and insufficient seating.

2

Teams have a budget of \$2,000 and a two-month timeline to propose solutions.

3

Divide into teams.



Understanding the problem

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What healthier food options could be introduced?

How can seating be optimized within the available space?

Brainstorming solutions

What modern solutions (e.g. technology) could streamline operations?

How can you use the budget creatively to address multiple complaints?



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