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What is Problem Solving

Unlocking Creativity: The Power of Problem Solving for Kids

DEFINITION

> Problem solving is the process of finding solutions to challenges or obstacles. It involves thinking critically and creatively to overcome difficulties.

KEY CONCEPTS

Identifying Problems

Recognizing what the issue is helps in finding the right solution.

Generating Solutions

Brainstorming multiple ideas encourages creative thinking and diverse approaches.

Evaluating Options

Assessing the pros and cons of each solution helps in choosing the best one.

Implementing Solutions

Putting the chosen solution into action is crucial for resolving the problem.

Reflecting on Outcomes

Reviewing the results helps learn from the experience and improve future problem solving.

EXAMPLES

→ A kid finds a way to fix a broken toy using household items.

→ Students work together to create a plan for a school project.

→ A child decides how to share limited resources during a game.

MEMORY TIPS

★ Use the acronym IDEAL: Identify, Define, Explore, Act, Look back.

★ Visualize a problem as a puzzle to piece together solutions.

★ Think of problem solving as a treasure hunt for answers.

COMMON MISTAKES

✗ Rushing to solutions without fully understanding the problem.

✗ Ignoring the importance of evaluating all options.

✗ Failing to reflect on what worked or didn't after solving a problem.

QUICK RECAP

Problem solving is about finding solutions to challenges. It involves identifying the problem, generating ideas, evaluating options, implementing solutions, and reflecting on the outcomes.