

COMPUTATIONAL HINKING?

WHAT

Computational Thinking is a problem solving tool that uses abstraction, decomposition, pattern regconition, and algorithms. **Examples: Planning a vaccation**, reading, and making maps

Week 10



REAL LIFE APPLICATION/ **CONNECTION:**

Computational thinking serves as a problemsolving method that your child is likely already mastering. Here are the key techniques involved:

- Decomposition involves breaking down complex problems into smaller components.
- Algorithms provide a sequence of steps to accomplish a task.
- Abstraction focuses on disregarding irrelevant details.
- Pattern recognition entails identifying similarities among various problems.

HOW DID WE **PRACTICE THIS SKILL?**

- Passion Project
 - Today students will begin working on their Passion **Project. Passion Project allows** the students to dive deeper into the coding platform of their choice.
- Throughout the semester, we have tried to model problem solving through engaging and creative ways. Most of the time, there is more than one way to solve a problem.

CONTINUE LEARNING:

- Model and use the term "computational thinking" with your child
- Encourage creative problem solving
- Bake or Cook together

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