TECHWISE ACADEMY

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

WHAT IS COMPUTATIONAL THINKING?

REAL LIFE APPLICATION/ CONNECTION:

Computational thinking serves as a problem-solving 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?

- Unplugged Activity- Find My Number
  - Students were tasked to find a masked number. Scan the QR code for a printable resource and more infomation
- Made a Hide and Go Seek Game on Scratch Jr.

CONTINUE LEARNING:

- Continue coding and creating on Scratch Jr.
- Model and use the term "computational thinking" with your child
- Recreate "Find My Number" with letters, colors, or animals.

Scan for more resources!

https://bit.ly/3TTylmU