What is Computational Thinking?

Computational thinking (CT) is a creative way of thinking that can help children solve problems in more organized ways. CT is important for math, science, and literacy, and it can also help children learn coding or computer programming when they get older.

An important computational thinking skill is called make it work. When something is not working the way you want it to, you can:

Check Your Steps:
Figure out what the problem is

Make It Work:
Come up with a way to fix it

You check your steps and make it work when you search for lost car keys or try to get your TV remote to work. Computer programmers make it work when they find and fix errors in the code they design (they call it “debugging”). Young children can use this skill, too!

Just as you help your child learn to read by singing the alphabet, you can help your child learn CT skills by watching the AHA! Island videos and doing simple problem-solving activities together.

Welcome to AHA! Island—a new program for preschoolers that makes it fun to learn computational thinking through videos, activities, and games.

Parent Overview
Make It Work!

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