



# Computer Science Basics

For Young Minds



By LearnStack

Ages  
**11-14**

No Coding Required. Just Curiosity.



# The Digital Realm Character Guide

Meet the heroes of the Digital Realm!

## Byte

Represents: Logic & Coding `</>`  
 3 words: Curious • Smart • Helpful  
*"Let's solve it step by step!"*  
 ★ Fun Fact: Byte's notebook never runs out of ideas!

## Zara Zero

Represents: Zero & Off (False) 0  
 3 words: Calm • Precise • Reliable  
*"When it's off, it's still important."*  
 ★ Fun Fact: Zara helps computers know when to pause and reset.

## Ona One

Represents: One & On (True) 1  
 3 words: Energetic • Bold • Positive  
*"On means we can do it!"*  
 ★ Fun Fact: Ona lights up the Digital Realm when action begins!

## Algo

Represents: Algorithms & Problem Solving   
 3 words: Wise • Logical • Creative  
*"Every problem has a plan."*  
 ★ Fun Fact: Algo draws maps that turn big problems into small steps.

## Pixie

Represents: Creativity & Pixels   
 3 words: Colorful • Imaginative • Fun  
*"Let's create something amazing!"*  
 ★ Fun Fact: Pixie can paint pictures that become real in the Digital Realm!

## Memo

Represents: Memory & Storage   
 3 words: Kind • Organized • Patient  
*"I'll save that for you!"*  
 ★ Fun Fact: Memo remembers everything (especially birthdays!).

## Nettie

Represents: Internet & Connections   
 3 words: Fast • Bright • Connected  
*"I'll get you there in a flash!"*  
 ★ Fun Fact: Nettie's hair is made of real fiber-optic light!

## Ari

Represents: AI & Neural Networks   
 3 words: Curious • Deep • Thoughtful  
*"I learn, so we can all grow."*  
 ★ Fun Fact: Ari learns from patterns and helps make smart predictions!

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## Bug

Represents: Glitches & Debugging   
 3 words: Sneaky • Silly • Sharp  
*"Oops! I break things (on purpose)."*  
 ★ Fun Fact: Bug helps find tiny glitches before they become big problems!

Different heroes. Different powers. One amazing Digital Realm!



Learn. Code. Create. Change the World!



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