Alabama Digital Literacy and Computer Science

# Grade 1

## Computational Thinking DLCS25.1.CT

### AAD Algorithms, Abstraction, and Decomposition DLCS25.1.CT.AAD

1 Create an algorithm to complete a task. DLCS25.1.1

2 Identify a bug in a given program and debug the program, with guidance and support. DLCS25.1.2

3 Organize essential information to solve a problem, with or without digital tools. [AI] DLCS25.1.3

### P Programming DLCS25.1.CT.P

4 Construct elements of a simple program in collaboration with others. DLCS25.1.4

## Data Science DLCS25.1.DS

### DCR Data Collection and Representation DLCS25.1.DS.DCR

5 Collect data and organize data into categories using a variety of tools, with guidance and support. DLCS25.1.5

6 Create a simple chart with labels and features to help a computer sort items by recognizing patterns. [AI] DLCS25.1.6

## Computing Systems DLCS25.1.CS

### NI Networks and Internet DLCS25.1.CS.NI

7 Describe how devices connect and interact with other devices to perform specific functions. DLCS25.1.7

### C Cybersecurity DLCS25.1.CS.C

8 Demonstrate age-appropriate methods for keeping personal information secure. DLCS25.1.8

9 Demonstrate safe use of online resources, with guidance and support. DLCS25.1.9

### HS Hardware and Software DLCS25.1.CS.HS

10 Locate and identify sensors on electronic devices. DLCS25.1.10

11 Describe and attempt troubleshooting steps to solve a technology problem, with guidance and support. DLCS25.1.11

## Impact of Computing DLCS25.1.IC

### S Society DLCS25.1.IC.S

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**ET Emerging Technology** DLCS25.1.IC.ET

12 Identify ways that new technology is designed to solve problems and make tasks easier or more efficient. [AI] DLCS25.1.12

**A Accessibility** DLCS25.1.IC.A

## Digital Proficiency DLCS25.1.DP

**IL Information Literacy** DLCS25.1.DP.IL

13 Identify keywords from a question or topic and use age-appropriate digital resources to conduct research, with guidance and support. DLCS25.1.13

**DL Digital Life** DLCS25.1.DP.DL

14 Differentiate between appropriate and inappropriate behaviors for communicating with others in a digital environment. DLCS25.1.14

**DT Digital Tools** DLCS25.1.DP.DT

15 Independently use basic input and output devices to interact with digital platforms. DLCS25.1.15

16 Use online digital tools to create a collaborative product, with guidance and support. DLCS25.1.16

17 Locate letters and numbers on the keyboard. DLCS25.1.17