Alabama Digital Literacy and Computer Science

Grade 3

Computational Thinking DLCS25.3.CT

AAD Algorithms, Abstraction, and Decomposition DLCS25.3.CT.AAD

1. Develop and document an algorithm that outlines specific steps to complete a project for other learners to follow. DLCS25.3.1
2. Use numbers or letters to represent information in another form. DLCS25.3.2
3. Demonstrate how a larger problem can be broken into sub-problems. DLCS25.3.3
4. Explain the function of a flowchart. DLCS25.3.4

P Programming DLCS25.3.CT.P

5. Create a working program using sequencing and events in a visual programming environment, working in collaboration with others. DLCS25.3.5

Data Science DLCS25.3.DS

DCR Data Collection and Representation DLCS25.3.DS.DCR

6. Organize data to answer a question, using a variety of computing and data visualization methods. DLCS25.3.6

Computing Systems DLCS25.3.CS

NI Networks and Internet DLCS25.3.CS.NI

7. Explain what makes the Internet a global network. DLCS25.3.7

C Cybersecurity DLCS25.3.CS.C

8. Apply strategies to create and manage passwords. DLCS25.3.8
9. Identify examples of suspicious activity of applications and devices that should be reported. DLCS25.3.9

HS Hardware and Software DLCS25.3.CS.HS

10. Describe the differences between hardware and software. DLCS25.3.10

Impact of Computing DLCS25.3.IC

E Ethics DLCS25.3.IC.E

S Society DLCS25.3.IC.S

11. Identify technological inventions and contributions that have impacted society DLCS25.3.11

Emerging Technology DLCS25.3.IC.ET

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12 Explore and describe how emerging technologies can be used for learning and in daily life. [AI] DLCS25.3.12

A Accessibility DLCS25.3.IC.A

13 Explain how technology can be designed to support people with different needs. DLCS25.3.13

Digital Proficiency DLCS25.3.DP

IL Information Literacy DLCS25.3.DP.IL

14 Use keywords in an Internet search to find accurate and relevant information to a specific question. [AI] DLCS25.3.14

DL Digital Life DLCS25.3.DP.DL

15 Describe ways digital platforms collect personal information. DLCS25.3.15

16 Demonstrate appropriate behaviors that reflect a positive and responsible digital footprint when communicating in a digital environment. DLCS25.3.16

DT Digital Tools DLCS25.3.DP.DT

17 Select and use multiple digital tools to complete a project. [AI] DLCS25.3.17

18 Write a prompt to guide AI tools in generating useful responses, and explain how different prompts affect the results. [AI] DLCS25.3.18

19 Type ten words per minute using efficient keyboarding techniques. DLCS25.3.19