Alabama Digital Literacy and Computer Science

Grade 2

Computational Thinking DLCS25.2.CT

AAD Algorithms, Abstraction, and Decomposition DLCS25.2.CT.AAD

1 Create an algorithm to solve a problem collaboratively and explain alternative ways to solve the same problem. DLCS25.2.1

2 Test and debug a given program. DLCS25.2.2

3 Classify, evaluate, and represent essential information to solve a problem, using digital tools. [AI] DLCS25.2.3

P Programming DLCS25.2.CT.P

4 Construct or modify a simple program, using basic commands. DLCS25.2.4

Data Science DLCS25.2.DS

DCR Data Collection and Representation DLCS25.2.DS.DCR

5 Collect, create, and logically organize data in a digital format. DLCS25.2.5

6 Create a labeled dataset that includes features to help a computer classify items. [AI] DLCS25.2.6

Computing Systems DLCS25.2.CS

NI Networks and Internet DLCS25.2.CS.NI

7 Explain that information on the Internet comes from many different computers (servers). DLCS25.2.7

C Cybersecurity DLCS25.2.CS.C

8 Explain the need for secure passwords and create one that meets simple criteria. DLCS25.2.8

9 Use online resources safely in individual and collaborative settings. DLCS25.2.9

HS Hardware and Software DLCS25.2.CS.HS

10 Use basic software features within familiar applications. DLCS25.2.10

11 Describe and attempt troubleshooting steps to solve a technology problem. DLCS25.2.11

Impact of Computing DLCS25.2.IC

S Society DLCS25.2.IC.S

12 Explain how technology impacts the way people live and work. DLCS25.2.12

Emerging Technology DLCS25.2.IC.ET

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13 Describe the types of tasks emerging technology can and cannot perform. [AI] DLCS25.2.13

A Accessibility DLCS25.2.IC.A

14 Identify tools that make technology more accessible for everyone. DLCS25.2.14

Digital Proficiency DLCS25.2.DP

IL Information Literacy DLCS25.2.DP.IL

15 Perform an Internet search within a search engine or website to conduct research. DLCS25.2.15

DL Digital Life DLCS25.2.DP.DL

16 Explain how sharing information online contributes to a user's digital footprint. DLCS25.2.16

DT Digital Tools DLCS25.2.DP.DT

17 Explain the purposes of input and output components of digital devices. DLCS25.2.17

18 Identify and use multiple digital tools to complete a project, with guidance and support. DLCS25.2.18

19 Explain that AI uses data to find patterns but can make a mistake if the data is biased, incomplete, or incorrect. [AI] DLCS25.2.19

20 Type five words per minute, using efficient keyboarding techniques. DLCS25.2.20