

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

ET Emerging Technology DLCS25.2.IC.ET

- 13 Describe the types of tasks emerging technology can and cannot perform.
[AI] DLCS25.2.13
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A Accessibility DLCS25.2.IC.A

- 14 Identify tools that make technology more accessible for everyone. DLCS25.2.14
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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
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DL Digital Life DLCS25.2.DP.DL

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