














PROPOSED 2019 WYOMING COMPUTER SCIENCE CONTENT STANDARDS  
Grade K-5 Progression



DOMAIN KEY	COMPUTING SYSTEMS	NETWORKS & THE INTERNET	DATA & ANALYSIS	ALGORITHMS & PROGRAMMING	IMPACTS OF COMPUTING
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COMPUTING SYSTEMS	End of Grade 2	End of Grade 5
DEVICES (CS.D)	<p><b>SUPPORTING</b></p> <p><b>2.CS.D.01</b> Independently select and use a computing device to perform a variety of tasks for an intended outcome (e.g., create an artifact).</p> <p><b>Practice 1.1</b> Fostering an Inclusive Computing Culture </p>	<p><b>(+) ENHANCED</b></p> <p><b>5.CS.D.01</b> Independently, describe how internal and external parts of computing devices function to form a system.</p> <p><b>Practice 7.2</b> Communicating About Computing</p>
HARDWARE & SOFTWARE (CS.HS)	<p><b>SUPPORTING</b></p> <p><b>2.CS.HS.01</b> Demonstrate and describe the function of common components of computing systems (hardware and software) (e.g., use a browser, search engine).</p> <p><b>Practice 7.2</b> Communicating About Computing</p>	<p><b>PRIORITY</b></p> <p><b>5.CS.HS.01</b> Model how information is translated, transmitted, and processed in order to flow through hardware and software to accomplish tasks.</p> <p><b>Practice 4.4</b> Developing and Using Abstractions</p>
TROUBLESHOOTING	<p><b>SUPPORTING</b></p> <p><b>2.CS.T.01</b> Recognize computing systems might not work as expected and identify and effectively communicate simple hardware or software problems and implement solutions (e.g., app or program is not working as expected, no sound is coming from the device, caps lock turned on) and discuss problems with peers and adults.</p> <p><b>Practice 6.2</b> Testing and Refining Computational Artifacts </p> <p><b>Practice 7.2</b> Communicating About Computing</p>	<p><b>SUPPORTING</b></p> <p><b>5.CS.T.01</b> Identify hardware and software problems that may occur during everyday use, then develop, apply, and explain strategies for solving these problems.</p> <p><b>Practice 6.2</b> Testing and Refining Computational Artifacts </p>































