



# K-12 Computer Science and Digital Fluency Learning Standards

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## IMPACTS OF COMPUTING







## CYBERSECURITY

<b>Risks</b>	<p><b>4-6.CY.1</b> Explain why different types of information might need to be protected.</p>	<p><b>Clarifying Statement</b> The emphasis is on discussing different reasons that adversaries may want to obtain, compromise, or leverage different types of information. At this stage, students should be focused on general concepts.</p>
<b>Safeguards</b>	<p><b>4-6.CY.2</b> Describe common safeguards for protecting personal information.</p> <p><b>4-6.CY.3</b> Describe trade-offs between allowing information to be public and keeping</p>	<p><b>Clarifying Statement</b> The emphasis is on describing common safeguards such as protecting devices and accounts with strong passwords, keeping software updated, and not sending sensitive information over SMS.</p>

## DIGITAL LITERACY

Digital Use

### 4-6.DL.1

Type on a keyboard while demonstrating proper keyboarding technique.

### Clarifying Statement

The focus is on direct instruction in keyboarding. Instruction should focus on form over speed and accuracy.