**Department of Education**

**and Early Development**



Guide for Reading Alaska Computer Science Standards

**Legend for Identifiers**

Unique Numbering System for the Alaska Computer science K-12 Learning Standards. To help understand the organization of the standards for each individual standard here is an example.

*K.CS.D.01 = kindergarten,**computing**systems,**devices,**item 1*

**Level**

Grade **K**

**Core Concept**

**C**omputing **S**ystems

**Sub- Concepts**

**D**evices

**Number**

**01**

**Computer Science**

**K–12 Learning Standard**

With guidance, follow directions and make choices while using computing devices to perform a variety of tasks.

The Legend below will help interpret the identifier for each Computer Science K-12 Learning Standard:

The identifier code corresponds to:

**Level • Concept • Sub-concepts • Number**

| **Identifier Code****Level** | **Key** |
| --- | --- |
| K | Kindergarten  |
| 1 | Grades 1  |
| Repeat 2-7 | Repeat Grades 2-7 |
| 8 | Grade 8 |
| L1 | Grades HS entry level employment competence |
| L2 | Grades HS post‐secondary education |

| **Identifier Code****Concepts** | **Key****Concepts • Sub-concepts** |
| --- | --- |
| CS | **Computing Systems*** Devices
* Hardware and Software
* Troubleshooting
 |
| NI | **Networks and the Internet*** Network Communication and Organization
* Cybersecurity
 |
| DA | **Data and Analysis*** Storage
* Collection, Visualization and Transformation
* Inference and Models
 |
| AP | **Algorithms and Programming** * Algorithms
* Variables
* Control
* Modularity
* Program Development
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