



| Category & Standard code         | Key Concept   | Subconcept                                | Passwords and Online Security | Online Privacy | Netiquette | Cyberbullying | What is Internet? | Browsers and Search Engines | Communication | Technology Through Time | Hardware | Software | Hardware - Bonus | Data | Data and Charts |
|----------------------------------|---|---|-------------------------------|----------------|------------|---------------|-------------------|-----------------------------|---------------|-------------------------|----------|----------|------------------|------|-----------------|
| <b>Computing Systems</b>         |   |   |                               |                |            |               |                   |                             |               |                         |          |          |                  |      |                 |
| 1A-CS-01                         | Select and operate appropriate software to perform a variety of tasks, and recognize that users have different needs and preferences for the technology they use. | Devices                                   |                               |                |            |               |                   | •                           | •             |                         | •        | •        | •                |      |                 |
| 1A-CS-02                         | Use appropriate terminology in identifying and describing the function of common physical components of computing systems (hardware).                             | Hardware & Software                       |                               |                |            |               |                   |                             |               |                         | •        |          | •                |      |                 |
| 1A-CS-03                         | Describe basic hardware and software problems using accurate terminology.   | Troubleshooting                           |                               |                |            |               | •                 |                             |               |                         |          |          |                  |      |                 |
| <b>Networks and the Internet</b> |   |   |                               |                |            |               |                   |                             |               |                         |          |          |                  |      |                 |
| 1A-NI-04                         | Explain what passwords are and why we use them, and use strong passwords to protect devices and information from unauthorized access.                             | Cybersecurity                             | •                             |                |            |               |                   |                             |               |                         |          |          |                  |      |                 |
| <b>Data and Analysis</b>         |   |   |                               |                |            |               |                   |                             |               |                         |          |          |                  |      |                 |
| 1A-DA-05                         | Store, copy, search, retrieve, modify, and delete information using a computing device and define the information stored as data                                  | Storage                                   |                               |                |            |               |                   |                             |               |                         |          |          |                  | •    |                 |
| 1A-DA-06                         | Collect and present the same data in various visual formats.  | Collection Visualization & Transformation |                               |                |            |               |                   |                             |               |                         |          |          |                  | •    | •               |
| 1A-DA-07                         | Identify and describe patterns in data visualizations, such as charts or graphs, to make predictions.   | Inference & Models                        |                               |                |            |               |                   |                             |               |                         |          |          |                  |      | •               |

