### Grades K–2


**Students who demonstrate understanding can identify and use everyday symbols.**

**Clarifying Statement:** Symbols are used as a means of communication in the technological world. Examples include road signs, symbols for persons with disabilities, and icons on a screen.

**Assessment Boundary:** N/A

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<tbody>
<tr>
<td><strong>Analyzing and Interpreting Data</strong></td>
<td><strong>ETS1.B: Developing Possible Solutions</strong></td>
<td><strong>Communication</strong></td>
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</tbody>
</table>
| Analyzing data in K–2 builds on prior experiences and progresses to collecting, recording, and sharing observations.  
  • Analyze data from tests of an object or tool to determine if it works as intended. | • Designs can be conveyed through sketches, drawings, or physical models. These representations are useful in communicating ideas for a problem’s solutions to other people. | • Learns that humans have many ways to communicate. |

**Pennsylvania Context:** N/A

**Pennsylvania Career Ready Skills:** Identify one’s own strengths, needs, and preferences.

**Connections to Other Standards Content and Practices**

<table>
<thead>
<tr>
<th>Standard Source</th>
<th>Possible Connections to Other Standard(s) or Practice(s)</th>
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| **PA Core Standards: Reading and Writing in Science and Technical Areas** | CC.1.4.K.U: With guidance and support, explore a variety of digital tools to produce and publish writing or in collaboration with peers.  
  CC.1.4.1-2.U: With guidance and support, use a variety of digital tools to produce and publish writing including in collaboration with peers.  
  CC.1.4.K.V: Participate in individual or shared research projects on a topic of interest.  
  CC.1.4.1-2.V: Participate in individual or shared research and writing projects.  
  CC.1.4.K-1.W: With guidance and support, recall information from experiences or gather information from provided sources to answer a question.  
  CC.1.4.2.W: Recall information from experiences or gather information from provided sources to answer a question.  
| **PA Core Standards and Practices: Math** | MP.2: Reason abstractly and quantitatively.  
  MP.4: Model with mathematics.  
  MP.5: Use appropriate tools strategically. |
| Integrated Standards for Science, Environmental Literacy & Sustainability, and Technology & Engineering Standards Grades K–12 | N/A |