### Grades K–2


**Students who demonstrate understanding can** explain the needs and wants of individuals and societies.

**Clarifying Statement:** Basic human needs include food, water, and shelter. Beyond these, children can discuss other needs and wants that have resulted in new technologies. This helps them to begin to see that other people’s thoughts, feelings, needs, and wants may differ from their own.

**Assessment Boundary:** N/A

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<tbody>
<tr>
<td><strong>Asking Questions and Defining Problems</strong></td>
<td><strong>ETS1.A: Defining and Delimiting Engineering Problems</strong></td>
<td><strong>Communication</strong></td>
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<td>Asking questions and defining problems in K–2 builds on prior experiences and progresses to simple descriptive questions that can be tested.</td>
<td>• Define a simple problem that can be solved through the development of a new or improved object or tool.</td>
<td>• Learns that humans have many ways to communicate.</td>
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**Pennsylvania Context:** Examples of Pennsylvania context include but are not limited to manufacturing businesses.

**Pennsylvania Career Ready Skills:** Identify possible behaviors and anticipate reactions in response to a specific social context.

**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. |
| Science, Technology & Engineering, and Environmental Literacy & Sustainability Academic Standards | N/A |