Books introduce new ideas, spark new conversations, and make cross-curricular connections for young children. The books below are all of the suggested readings in our core curriculum *Growing with KIBO*. They also make great STEAM inspirations on their own even without a robot!

### Computational Thinking

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
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</tr>
</thead>
<tbody>
<tr>
<td>The Very Hungry Caterpillar</td>
<td>Eric Carle</td>
<td>One sunny Sunday, a caterpillar hatched out of a tiny egg. On Monday, he ate through one apple… A simple exploration of sequence.</td>
</tr>
<tr>
<td>If You Give a Mouse a Cookie</td>
<td>Laura Numeroff</td>
<td>A hungry mouse demonstrates an amusing and seemingly endless chain of cause and effect.</td>
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### Engineering, Persistence, and the Engineering Design Process

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<tr>
<td>The Most Magnificent Thing</td>
<td>Ashley Spires</td>
<td>This book emphasizes the power and importance of persistence in an engineer’s work.</td>
</tr>
<tr>
<td>Engineering the ABCs</td>
<td>Patty O’Brien Novak</td>
<td>Answers questions about how everyday things work and how engineering relates to so many parts of a child’s daily life.</td>
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<td>If I Built a Car</td>
<td>Chris Van Dusen</td>
<td>Jack designs the ultimate fantasy car inspired by zeppelins and trains, Cadillacs and jet planes. Imagination fuels the design process!</td>
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<td>A Beautiful Oops</td>
<td>Barney Saltzberg</td>
<td>Barney Saltzberg explores a life lesson that’s also central to the design process: it’s OK to make a mistake! In fact, mistakes can bring new ideas, opening a portal of discovery.</td>
</tr>
<tr>
<td>The Girl Who Never Made</td>
<td>Mark Pett</td>
<td>Another exploration about the role of “mistakes” and persistence in the design process. Engineers don’t expect things to work on the first try; and even when things do work, engineers look for ways to make them work even better!</td>
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<td>Mistakes</td>
<td>Mark Pett</td>
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<tr>
<td>Rosie Revere, Engineer</td>
<td>Beaty and Roberts</td>
<td>This book illustrates the importance of imagination and persistence in an engineer’s work. Rosie engages in the Engineering Design Process as she tests and improves her creation.</td>
</tr>
</tbody>
</table>
### Robots!

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<tr>
<td>Boy and Bot by Amy Dyckman</td>
<td>Focuses on a helping relationship between a boy and a robot, with each learning about the other’s needs after working through some mistaken assumptions.</td>
</tr>
<tr>
<td>My Friend Robot! by Sunny Scribens</td>
<td>This book (optionally read as a sing-along) shows how simple machines help the children and their robot friend build a treehouse.</td>
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### Social-Emotional Learning and Positive Technological Development

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<tr>
<td>Everyday Super Hero by Sara Zuboff</td>
<td>Sadie Sunshine wants to be a superhero, but she doesn’t think she has what it takes. Sadie Sunshine will find out she has the right ingredients to be an everyday superhero.</td>
</tr>
<tr>
<td>The Feelings Book by Todd Parr</td>
<td>Parr uses simple words and pictures to represent children’s experiences of emotions and moods. Parr explores a variety of simple, complex, and silly feelings, giving children tools to express their own emotions.</td>
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### Other Topics and Cross-Curricular Connections

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<tr>
<td>Move! by Page and Jenkins</td>
<td>Explores the many different ways animals move. Flying, climbing, swimming, and running animals will get students thinking about how their robots might move as well.</td>
</tr>
<tr>
<td>Little Owl’s Night by Divya Srinivasan</td>
<td>Follows the journey of Little Owl as he visits other night animals around the forest, seeing all of the many activities that occupy their wakeful nights. A sweet introduction to the lives of nocturnal animals.</td>
</tr>
<tr>
<td>Harold and the Purple Crayon by Crockett Johnson</td>
<td>This classic story about the power of imagination and the possibilities in a single line will prompt students to think deeper about the lines their KIBOs create with markers attached.</td>
</tr>
<tr>
<td>Iggy Peck, Architect by Andrea Beaty</td>
<td>Iggy Peck loves to build fabulous creations out of all sorts of materials. When a new second grade teacher declares her dislike of architecture, Iggy faces a challenge. A celebration of individual expressiveness and teamwork.</td>
</tr>
</tbody>
</table>

This book list is drawn from *Growing with KIBO* by KinderLab Robotics, Inc. *Growing with KIBO* is a comprehensive, research-based curriculum guide designed to support early elementary classrooms with a complete, sequenced STEAM curriculum covering robotics, coding, and computational thinking with the KIBO robot. This guide provides educators of young learners with 60 hours of standards-aligned lesson plans. Learn more at [https://kinderlabrobotics.com/teacher-materials](https://kinderlabrobotics.com/teacher-materials).