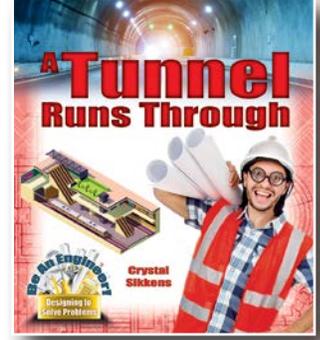
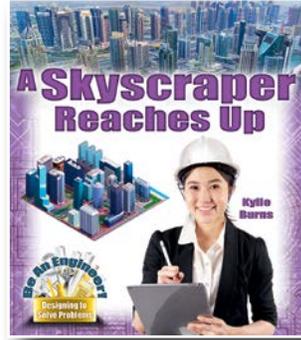
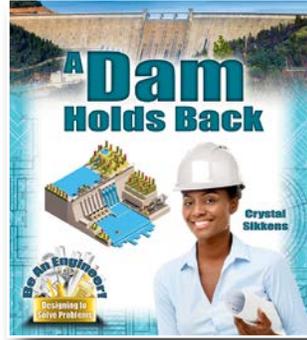
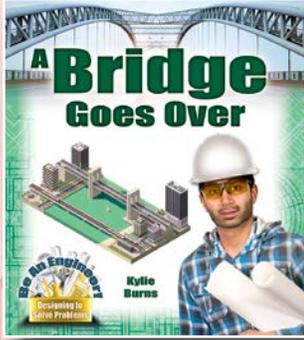




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ISBN 978-0-7787-2903-7 RLB ISBN 978-0-7787-2938-9 PAP  
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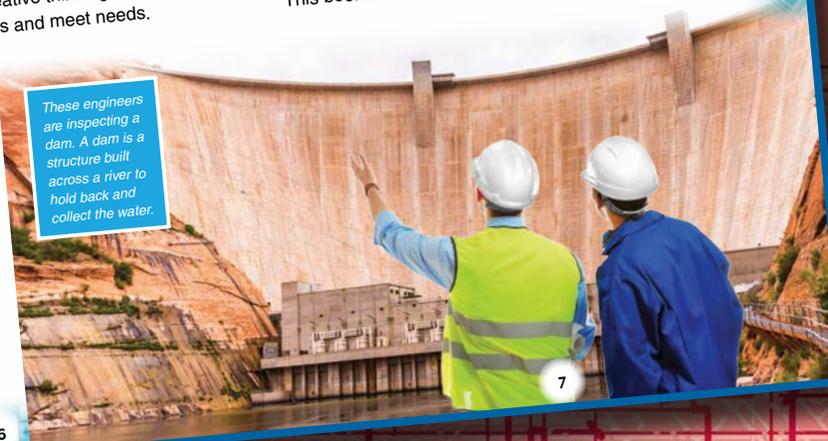


- Supports NGSS—Engineering Design: 3-5 ES1-1; 3-5 ES1-2
- Readers follow and engage with the Engineering Design Process using real-world engineering examples and student-centered scenarios and projects

**From A Dam Holds Back**  
**What Is an Engineer?**

Are you the problem solver in your group? Do you enjoy finding ways of getting around **obstacles**? You sound like an engineer! An engineer is a person who uses math, science, and creative thinking to design things that solve problems and meet needs.

**Different kinds**  
 Different kinds of problems require engineers with different knowledge. The design and construction of buildings and structures requires a team of engineers. Each engineer focuses on a certain part of the problem to be solved. This book deals with the design and building of dams.



These engineers are inspecting a dam. A dam is a structure built across a river to hold back and collect the water.

