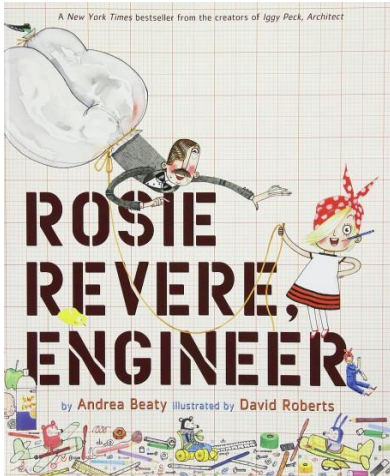
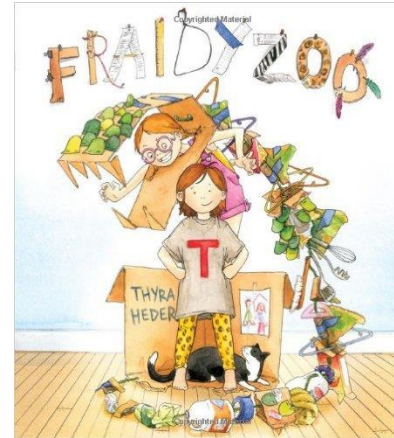


STEM/Makerspace Picture Books

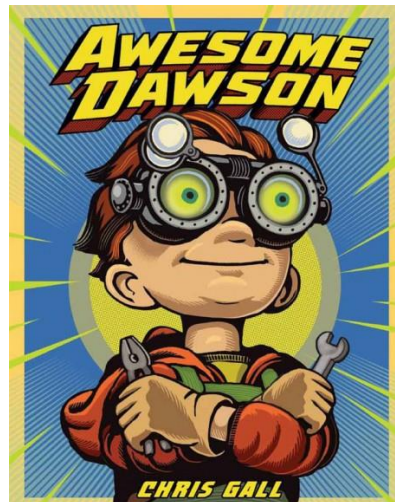


Rosie Revere Engineer by Andrea Beaty is more than just a book about an engineer who happens to be a young girl; it is about not being afraid to be different, especially when being different is amazing. It's not always easy to march to the beat of your own drummer, and Rosie has a hard time at first but after a pep talk from a special mentor everything changes.

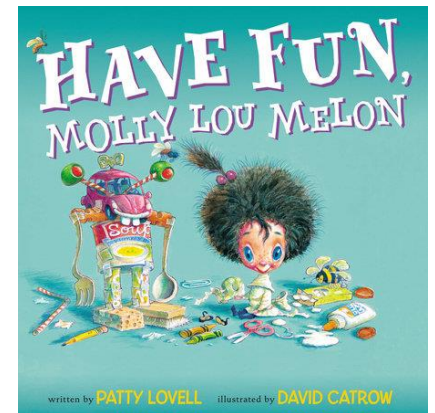


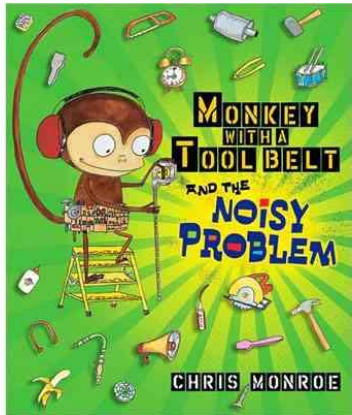
Fraidy Zoo by Thyra Heder is a wonderfully creative book about a family who creates zoo themed costumes from A-Z in an attempt at guessing which animal at the zoo their youngest child is afraid of. The homemade costumes captures the spirit of the maker mentality and after reading this students are off to create her own. Perfect right? The book is also a really great lesson about fears and how your family can be your support if you allow them to.

Awesome Dawson by Chris Gall was an instant hit with students. Dawson is an amazing little boy who invents new things from other people's trash. Dawson is just like other children who try to find ways to get out of their chores so he can get back to the important work of play. He's one step ahead of most kids though and invents a robot to take care of this chores, but things don't go as awesome as he hoped. That's when he must re-invent himself into a superhero to save the day.



Have Fun Molly Lou Lemon by Patty Lovell is all about how Molly Lou Mellon uses her imagination when other children use toys that do all the playing for them. When a new neighbor Gertie moves in Molly Lou Mellon stays true to herself even with Gertie's super cool toys and even shows her new friend how to use her imagination.



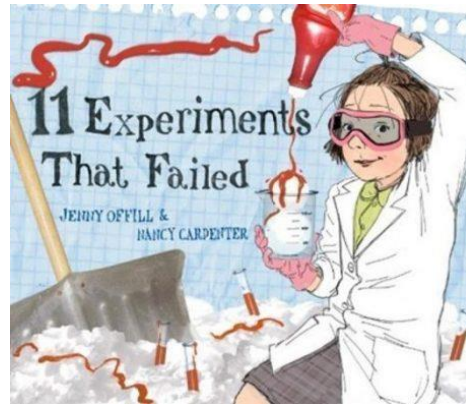


Monkey with A Tool Belt and The Noisy Problem by Chris Monroe is a hilarious book about a monkey who is not only handy with his tools, he is also a fantastic problem solver. The perfect combination to demonstrate to young readers what STEM is all about. He creates, builds, and fixes the noisy problem. Do not try to read this in a hurry because each page deserves a long long look at every single detail.

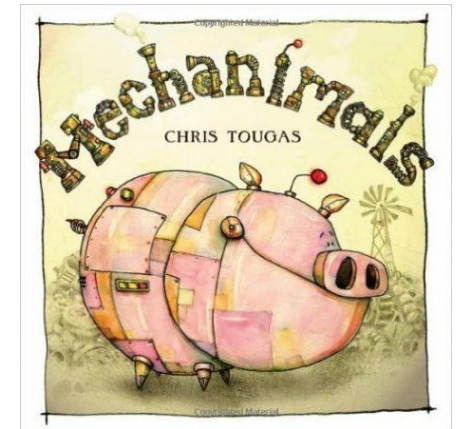


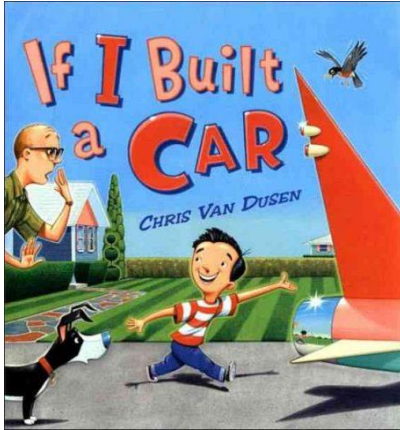
The Most Magnificent Thing by Ashley Spires is an important addition to this list because while the end product is important, this story focuses on the process of creating, and failing. Making amazing things is awesome but it's not always an easy road and this book tackles the idea that failing, and trying again is part of the creation process.

11 Experiments That Failed by Jenny Offill is hilarious. The book follows a young scientist as she conducts 11 terribly misguided experiments around her home, all with terrible and hilarious consequences. Besides the dry humor, the best part of this book is that each experiment follows the scientific method!



Mechanimals by Chris Tougas isn't just about a farmer who builds robot animals when his are swept away in a tornado, it's about overcoming adversity. What is a farmer supposed to do when his animals are gone? Certainly not admit defeat, use what you have and create something new! What an incredible lesson in resourcefulness, problem solving, and determination. Awesome book!





If I Built A Car by Chris Van Dusen is so much fun. A little boy takes you through the incredible car that he built and every awesome extra special feature it has. Like Andrea Beaty, Chris Van Dusen manages to create a fantastic rhyming book that zips along so effortlessly that you wonder how they do it. The story is inviting and the illustrations invite readers to dive even further into the author's imagination.

Additional Titles:

- Iggy Peck, Architect
- Ada Twist, Scientist
- What Do You Do With an Idea?
- What Do You Do With a Problem?
- The Three Little Pigs: an architectural tale
- Roberto: the insect architect
- Beautiful Oops!
- The Boy Who Loved Math
- On a Beam of Light
- Ish
- Look at That Building!
- Young Frank, Architect
- Papa's Mechanical Fish
- Galimoto

If I Built A House by Chris Van Dusen is even BETTER than If I Built A Car. This book inspires children to create house plans for themselves and imagine their own dream house. The details in the illustrations are captivating, and the little inventions included in the house make you wonder what you would invent for your house. Great book to spark the maker mentality in all readers.

