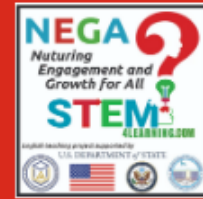




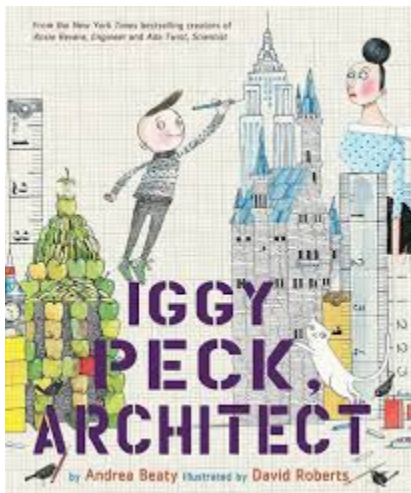
## STEM Read-Aloud Videos



Video read-alouds of excellent English Language picture books to support STEM concepts while building vocabulary, fluency and comprehension.



*These are examples of children's picture books, many with STEAM (Science / Technology / Engineering / Art and Math) themes, that we have use during STEM4Learning workshops as examples for building student engagement through read-alouds. Many associated activities and teaching units are shared in Picture Perfect STEM books by Emily Morgan and Karen Ansberry published by the National Science Teachers Association.*



### Iggy Peck Architect

[Amazon purchase page:](#)

Summary: The story of a young boy with a passion for architecture but struggles to find his place in school. His knowledge comes to the rescue during a class trip and suddenly architecture is all the rage in his classroom.

Link to Youtube Read-aloud Version

- [Iggy Peck Architect Readaloud](#)

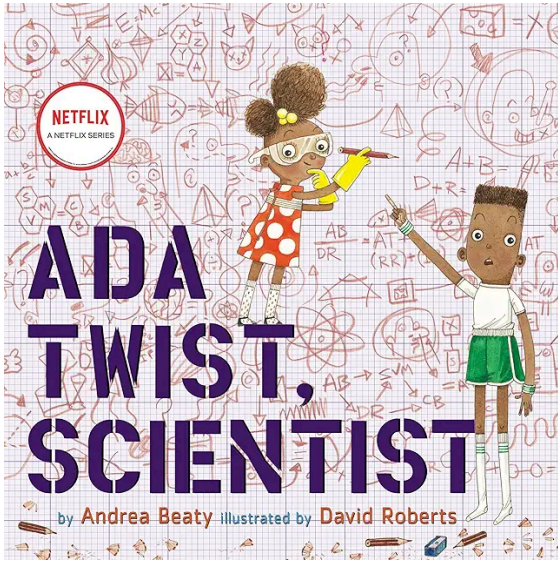
Link to .pdf slides of book page by page

- [Iggy Peck Architect pdf.](#)

Some related activity ideas

- Develop a STEAM lesson around bridge building. This could be a design challenge seeing how strong of a bridge can be built with one piece of paper and a small piece (10 cm) of tape, or perhaps something more complex using K'nex such as this challenge: [Knex Bridge Building](#)

# Ada Twist Scientist



[Amazon purchase page](#)

Summary: The story of a young girl with a passion for experimentation who never stops asking questions, even when it leads her into a bit of trouble. But when she is able to solve a family mystery they realize her questions are really the sign of a hidden talent as a scientist.

## Link to Youtube Read-aloud Version

- [Ada Twist Scientist Readaloud](#) read from the International Space Station by astronaut Serena Aunon Chancellor, as part of the [storytimefromspace.com](http://storytimefromspace.com) series of readalouds

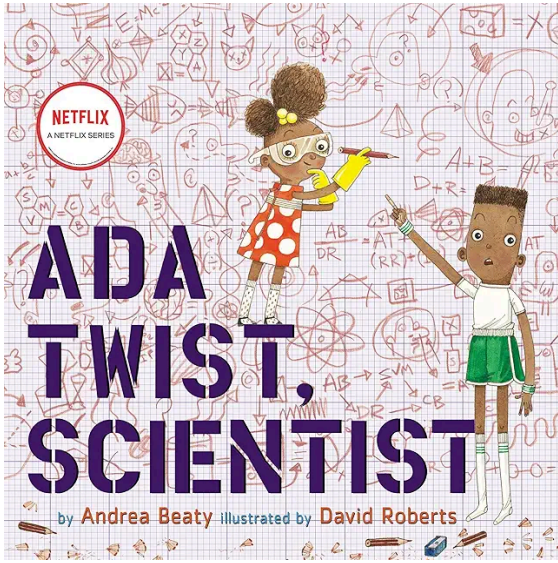
## Link to .pdf slides of book page by page

- [Ada Twist Scientist pdf](#)

## Some related activity ideas

- This book is a great lead-in to any science experiment you want to do with your class, or an exploration of the scientific method.

# Rosie Revere Engineer



[Amazon purchase page](#)

Summary: The story of a young girl with a passion for creating, but how unfortunately due to a few early failures gives up on inventing. Fortunately her Aunt Rosie provides her with some new inspiration leading to her best invention yet.

[Link to Youtube Read-aloud Version](#)

- [Rosie Revere Engineer readaloud](#) read from the International Space Station by astronaut Kate Rubins, as part of the [storytimefromspace.com](#) series of readalouds

[Link to .pdf slides of book page by page](#)

- [Rosie Revere Engineer pdf](#)

Some related activity ideas

- This book is a great lead-in to any design challenge, such as paper airplanes or anything else related to aviation which is a theme of the book.