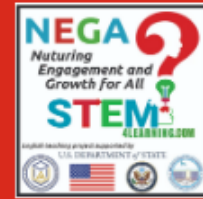




STEM Read-Aloud Videos

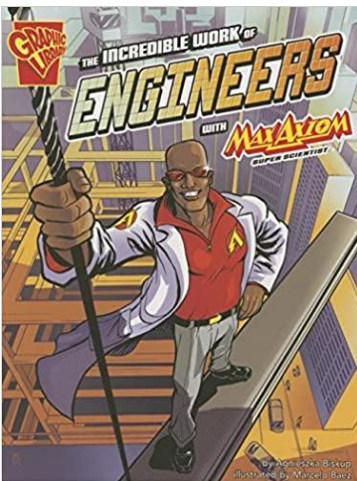


Video read-alouds of excellent English Language picture books to support STEM concepts while building vocabulary, fluency and comprehension.



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.

Incredible Work of Engineers: MaxAxiom by Agnieszka Biskup



[Amazon purchase page:](#)

Summary: this is a graphic novel whose main character MaxAxiom, is looking to build a colony on the moon. It explores the various engineering fields that will help make that happen and the challenges to be solved. One of just a few graphic novels with a STEM basis that can be interesting to explore with readers of this genre.

Link to Youtube Read-aloud Version -

<https://www.youtube.com/watch?v=93MALZy4U88>

Link to .pdf slides of book page by page

- [The Incredible Work of Engineers.pdf](#)

Some related activity ideas

- The idea of building a colony on the moon is likely to become reality over the next decade as NASA pursues the Artemis project, with the first crewed launch hopefully happening in late 2024. Exploring the challenges, what will have to be created, invented and designed to support human life on the moon would be a great follow-up to this introduction. Great resources at <https://www.nasa.gov/specials/artemis/>