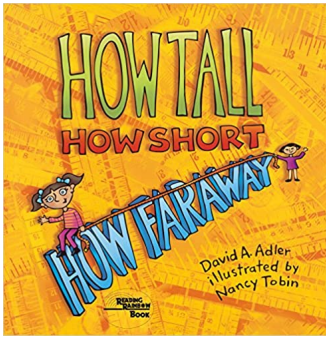




These are examples of children's picture books, many with STEAM (Science / Technology / Engineering / Art and Math) themes, that we have use during STEM4Learning workshops as examples for building student engagement through read-alouds. Many associated activities and teaching units are shared in Picture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



How Tall, How Short, How Faraway by David Adler

[Amazon purchase page:](#)

Summary: this is an explanation of the history of measurement, with some great hands-on activities exploring the ancient Egyptian measurement systems then moving up to the metric system.

Combines well with any unit on measurement - either hands-on or just an overview of why we have measurement systems and how they were created.

Link to Youtube Read-aloud Version

- <https://www.youtube.com/watch?v=d9iRBEEgFcQ>

Link to .pdf slides of book page by page

- [How Tall, How Short, How Faraway .pdf](#)

Some related activity ideas

- Develop a STEAM lesson around find each others measurement and doing some data analysis. This is especially interesting if you use unfamiliar units like digits, cubits, etc. and students can see the variability of non-standardized units. Also a nice introduction to the metric or English systems if either are unfamiliar.