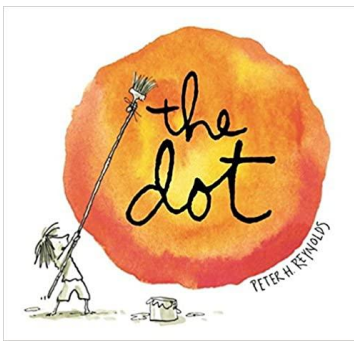




These are examples of children's picture books, many with STEAM (Science / Technology / Engineering / Art and Math) themes, that we have use during STEM4Learning workshops as examples for building student engagement through read-alouds. Many associated activities and teaching units are shared in Picture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



The Dot by Peter Reynolds

Amazon purchase page:

<https://www.amazon.com/Dot-Peter-H-Reynolds/dp/0763619612>

Summary: The story of a student who is challenged to develop an idea for a painting and discovers that every simple attempt can be made into something special. Inspiration for those that struggle to come up with an idea to start a project.

Link to Youtube Read-aloud Version

- [A Youtube version of The Dot read-aloud](#)

Link to .pdf slides of book page by page

- [STEM Picture Book Readaloud - The Dot](#)

Some related activity ideas

- Develop a STEAM lesson around various shapes - many artists have developed their own theme specializing in squares, rectangles, circles, ovals, triangles, etc and this could be an active way to explore and learn that vocabulary with some colors thrown in as well.