**Bloomfield Public Schools**

**Presents**

**Using Children’s Literature to Navigate the Science & Engineering Practices**



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**September 27, 2017**

**Purpose:** *To provide all educators with a functional and knowledgeable understanding of the K-12 Science and Engineering Practices.*

**Process:** *Engage educators in a CLOSE read and collaborative discussion of the K-12 Science & Engineering Practices and authentic science oriented children’s literature for the purpose of promoting a common understanding and clarity to facilitate interdisciplinary classroom instruction and knowledge of the K-12 Science and Engineering Practices.*

**Payoff:**

* *Participants will be engaged in strategic instruction in the science & engineering practices through the context of authentic children’s literature and/or science content.*
* *An inquiry, numeracy, and problem solving mindset and written communication skills within students through the CLOSE reading of science related mentor text and text dependent questions.*
* *Non-science educators supporting the science & engineering practices through their content using the Piece of the PIE chart. (Promoting Interdisciplinary Education)*
* *Science teams leading interdisciplinary school-wide planning sessions*

**PD Resources:**

* **PD handouts**
* **Text: *Solving the Puzzle Under the Sea: Marie Tharp Maps the Ocean Floor***
* **Meta-textual Markers (Highlighters 5 colors- yellow, orange, green, pink, blue)**