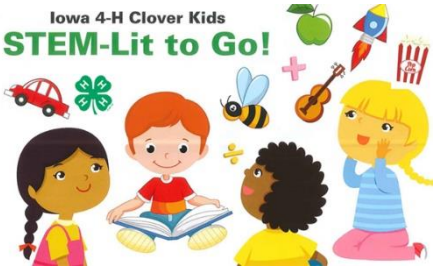
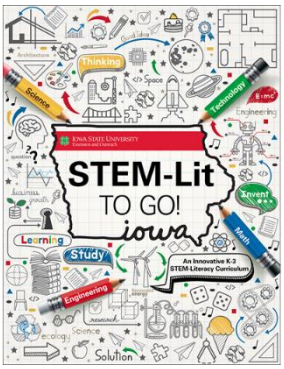
STEM Lit to Go! and STEM Lit to Go! Iowa Standards



Next Generation Science Standards (2013)

- Planning and carrying out investigations
- Obtaining, evaluating, and communicating information
- Engaging in argument from evidence
- Constructing explanations and designing solutions
- Using mathematics and computational thinking
- Analyzing and interpreting data
- Developing and using models
- Asking questions and defining problems



Common Core Language Arts Anchor Standards (2010)

- **Writing**
  - **Text Types and Purposes:** C hildren write arguments, informative/explanatory or narrative pieces.
  - **Range of Writing:** Children write routinely over extended and shorter time frames for a variety of purposes and audiences.
- **Reading**
  - **Key Ideas and Details:** Children read closely to determine central ideas or themes.
  - **Craft and Structure:** Children interpret words and phrases as well as analyze the structure of texts.
- **Language**
  - **Vocabulary Acquisition and Use:** Children determine or clarify the meaning of unknown words and phrases using various tools such as context clues.
  - **Conventions of Standard English:** Children demonstrate command of convention of standard English grammar and usage when writing or speaking.
- **Speaking and Listening**
  - **Comprehension and Collaboration:** Children will prepare for and practice effectively in a range of conversations with diverse partners, building on ideas and expressing their own.
  - **Presentation of Knowledge and Ideas:** Children will present information, findings, and supporting evidence so that others can follow a line of reasoning.

Updated 8.20.20