

Literacy + STEAM Resource Guide

4-H STEM Reading Connections | Helix Education | Beyond School Bells

About This Guide

This guide provides direct access to all Helix Education literacy and STEAM lesson packages developed in partnership with Beyond School Bells (BSB). Each entry in the table below links to materials hosted in Google Drive. You can click any link to open the document or folder.

Materials are designed for Out-of-School Time (OST) educators working with K–2 and middle school students. Lessons integrate picture books and chapter books with Science of Reading instruction, daily student check-ins, and hands-on STEAM activities.

Quick Reference

Developed by	Helix Education in partnership with Beyond School Bells (BSB)
Audience	OST Program Educators; Including Directors, Facilitators, and Site Staff
Grade Levels	K–2 and Middle School (Grades 6–8)
Frameworks	Science of Reading (SOR) 4-H STEAM Imagination Guide Nebraska State Literacy Standards

How to Use This Guide

Each row in the tables below represents one book-based lesson package. Depending on your program's needs, you may use:

- Scripted Lesson Package: a fully scripted, word-for-word guide for educators who are new to facilitation or want strong scaffolding.
- Grab and Go: a streamlined version with clear steps and key prompts, ideal for experienced educators or quick prep.
- Student Materials: printable activity sheets, vocabulary cards, and other student-facing resources organized by book.
- Director's Guide: an overview document for program directors with alignment to 21st CCLC grant reporting and Nebraska ELA standards.

K–2 Literacy + STEAM Lesson Packages				
Book Title	Scripted Lesson	Grab and Go	Student Materials	Director's Guide
Perfect Square	Scripted	Grab and Go	Student Materials	Director's Guide
Oh, Olive!	Scripted	Grab and Go	Student Materials	Director's Guide

Book Title	Scripted Lesson	Grab and Go	Student Materials	Director's Guide
Not a Box	Scripted	Grab and Go	Student Materials	Director's Guide
Nature is an Artist	Scripted	Grab and Go	Student Materials	Director's Guide
My Forest is Green	Scripted	Grab and Go	Student Materials	Director's Guide
Maybe Something Beautiful	Scripted	Grab and Go	Student Materials	Director's Guide
Just Add Glitter	Scripted	Grab and Go	Student Materials	Director's Guide
It Looked Like Spilt Milk	Scripted	Grab and Go	Student Materials	Director's Guide

Middle School STEAM Engineering Lesson Packages				
Book Title	Director's Guide	Lesson Folder	Vocabulary & Printables	Family Night Guide
The Miscalculations of Lightning Girl	Director's Guide	Lesson Folder	Student Vocab Cards Teacher Vocabulary Appendix Printables	Family Night Guide
The Boy Who Harnessed the Wind	Director's Guide	Lesson Folder	Student Vocab Cards Teacher Vocabulary Appendix Printables	Family Night Guide