



# STEM Lit to Go!

**Provided by:**

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Information	Program Description
Kindergarten-3rd Grade	STEM Lit to Go! is an innovative 4-H program that supports the development of STEM and literacy skills for Kindergarten-3rd Grade students. This informal education program utilizes a unique instructional framework to deliver integrated STEM-literacy activities that engage and support position students development, that is focused on the Experiential Learning Model. In addition, this research-based program is designed to support the Next Generation Science
Curriculum Format	Each lesson can be presented in 45-60 minutes.  Teaching Guide with complete instructions is provided.  Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.

Title	STEM Investigation with Embedded Literacy Focus
Bubbles	Students investigate bubbles, their shape and the inquiry process.
Curious Candy	Students investigate the engineering process as they design and candy machine to deliver chocolate.
Healthy Hearts	Students investigate how the heart works and ways to keep it healthy.
Inventor's Hat	Students investigate the invention process; design and create a new or improved invention.
Jumping Beans	Students investigate Mexican Jumping Beans and what causes them to jump.
Lots of Light	Students investigate the properties of light and the role of cause and effort.
Popping Popcorn	Students investigate popcorn; plan and conduct popcorn investigations.

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Title	STEM Investigation with Embedded Literacy Focus
Roller Coasters	Students investigate force and motion using model roller coasters; plan and conduct focus and motion investigate.
Sunny Sunshine	Students investigate UV rays and ways to be safe in the sun.
Super Sled	Students investigate friction and design a super sled.
Terrific Trees	Students investigate trees and discuss their importance in our lives.
Wonderful Wind	Students investigate the power of the wind; plan and conduct wind investigations.

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