

INTEGRATING SCIENCE, MATH, AND ENGINEERING ACTIVITIES INTO CHILDREN'S LITERATURE

Storytime STEM-packs are an educational innovation that enables any educator to incorporate STEM concepts into children's programming from PreK-4 connected to children's literature.

Storytime STEM-packs were developed by the Allegheny Intermediate Unit Math & Science Collaborative with input from early childhood educators, including children's librarians, elementary teachers, STEAM teachers, and Head Start teachers.



What is included in a Storytime STEM-pack?

- A popular children's book
- All the materials needed for an engaging STEM activity
- A facilitator guide that makes connecting the story to the STEM activity easy

What do people like about Storytime STEM-packs?

- Fun and engaging for kids
- Easy to use with minimal preparation time
- Aligned to standards

What is the research-base for Storytime STEM-packs?

Storytime STEM-packs engage children in authentic phenomena and STEM practices. All our activities are based on the Next Generation Science Standards and Common Core Math Standards, and are grounded in cognitive research findings on how children learn.

Pricing

1 STORYTIME STEM-PACK (book, facilitator guide, materials for 24 children)* \$ 75.00

Available STEM-PACKS*

Children's Literature	STEM Concept	Phenomenon/Problem	Grade
The Secret Life of Squirrels	M- Spatial Relationships	Design an Obstacle Course	PreK-1
Ellie	M - Area and Perimeter	Design an Animal Enclosure	3-4
The Rainbow Fish	M - Fractions	Design a Stained Glass Window	1-4
Maisy Plays Soccer	S - Force and Motion	Pushing/pulling a Soccer Ball	PreK-2
When the Wind Blows	S - Types of Interactions	Air Moves Objects	PreK-2
The Sun is my Favorite Star	S- Sun Earth Moon System	The sun moves across the sky	PreK-1
Next Time you See a Sunset	S – Sun Earth Moon System	Day and Night (Sunset)	1-3
Moonbear's Shadow	S - Light	Shadows	PreK-1
On the Construction Site	E – Engineering Design	Design a House	PreK-2
Peg+Cat,The Race Car Problem	E - Engineering Design	Design a Race Car	K-3
Otter in Space	E - Engineering Design	Design a Parachute	K-3
Ten Black Dots	M- Counting & Cardinality	Dots Representing Objects	PreK-K
Over and Under the Pond	M- Counting & Adding	Model Number of Animals	K-2

***For additional Storytime STEM-packs, please check our website at Storytimestem.com**

Professional Development Sessions

Half Day Professional Development Session (up to 24 participants)** \$ 450.00

Full Day Professional Development Session (up to 24 participants)** \$ 900.00

**travel costs charged for location over 50 miles from Pittsburgh

For Information

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