

Resources for Steve Spangler Workshop Spooktacular Halloween BOOOOOK and STEAM Connections

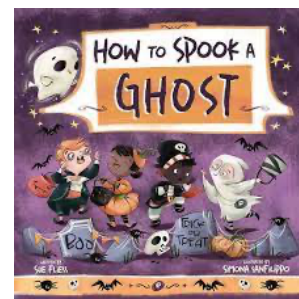
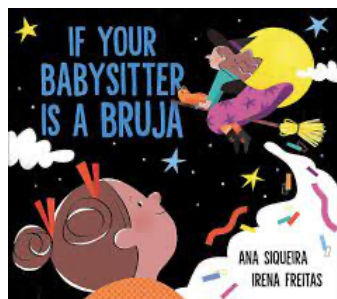
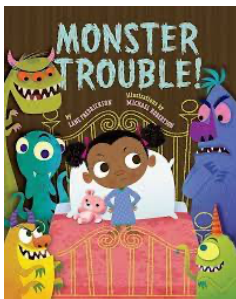
How do we connect multicultural picture books with STEAM to help children engage in active discovery and enthusiastic learning across the curriculum? **Steve Spangler's Halloween workshop** and videos give you the fun themed STEAM activities your kids will love, while **Dr. Diane** provides multicultural picture book ideas you can use for Spooktacular connections across the curriculum.



Spooky Engineering and Design STEAM Challenges!

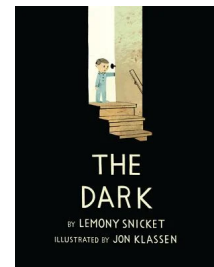
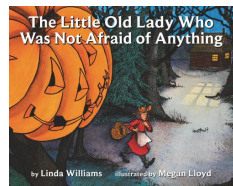
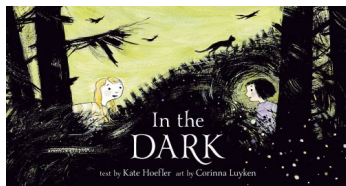
What better way to start your Halloween fun than with books that capture the fun of trying to design and build monster, ghost, or witch traps? While your students are designing, building, testing, and revising, you can also review the different steps of the engineering and design process. Check out the following books to set the stage for your own STEAM-based monster trap building fun:

- **How to Spook a Ghost** by Sue Fliess, illustrated by Simona Sanfilippo
- **Monster Trouble** by Lane Fredrickson, illustrated by Michael Robertson
- **If Your Babysitter is a Bruja** by Ana Siqueira, illustrated by Irena Freitas



If you want to connect the experience to an author study, introduce your students to author Sue Fliess via the **Adventures in Learning podcast**. Also, check out the book-related activities on **Sue's page**.

Creating Haunting STEAM Connections! Still looking for connections? Why not pair the Steve Spangler Energy stick with spooky stories about THE DARK? You can have the students use a wide range of materials (both conductors and insulators) to **try to build the perfect Halloween circuit** and light up the night for the ghost, ghoul, or little old lady who is NOT afraid of anything!



- **In the Dark** by Kate Hoefler, illustrated by Corinna Luyken
- **The Little Old Lady Who Was Not Afraid of Anything** Linda Williams, Megan Lloyd
- **The Dark** by Lemony Snicket, illustrated by Jon Klassen
- **Flash and Glean: Light in Our World** by Sue Fliess, illustrated by Khoa Le



If you want to connect the experience to an author/illustrator study, introduce your students to author Corinna Luyken via the **Adventures in Learning podcast**.

SPOOKtacular SOUND Stories! Bring the sounds and experiences of these pages to life by having your students identify and recreate the spooky sounds of the season! You can connect these books with **Steve's Spooky Sounds**, **Screaming Balloon**, and **Screaming Cup** videos. Unlock creative writing and storytelling as part of your Halloween experiences. Have students design and build their own buttons and decide what magical or creepy place lies behind the closed door.

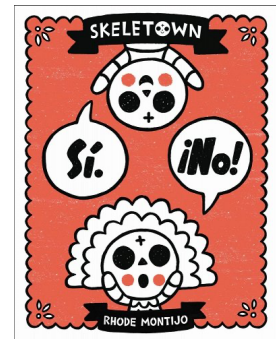
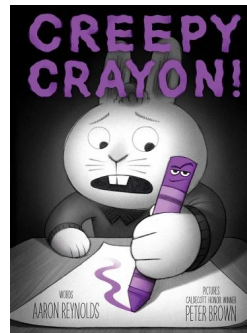


- **Rumble and Roar: Sound Around the World** by Sue Fliess, illustrated by Khoa Le
- **Don't Push the Button: A Halloween Treat** by Bill Cotter
- **Lift** by Minh Lê, illustrated by Dan Santat



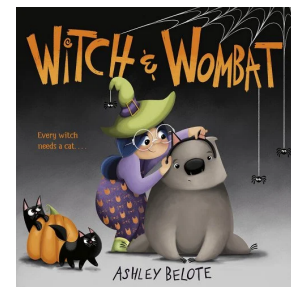
CREEPY COLORIFIC FUN! Both Halloween and Dia de los Muertos provide many opportunities for experimenting with interesting color combinations! You can connect these books to **Steve's Color Changing Liquids** and **Black Light Secret Message** experiences. You might also provide opportunities for students to experiment in creating color combinations. Can they record the recipe they used for creating their favorite water color? All it takes are some color fizzy tablets, water, pipettes, and clear sorting trays or egg cartons.

- **Georgia's Terrific, Colorific Experiment** by Zoe Persico
- **Creepy Crayon** by Aaron Reynolds, illustrated by Peter Brown
- **Skeletown: Sí. ¡No!** by Rhode Montijo



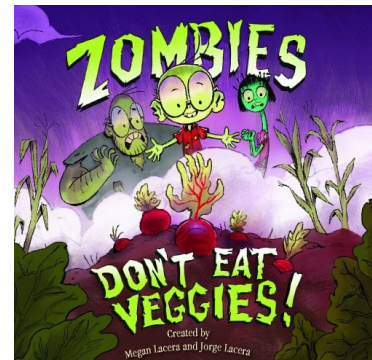
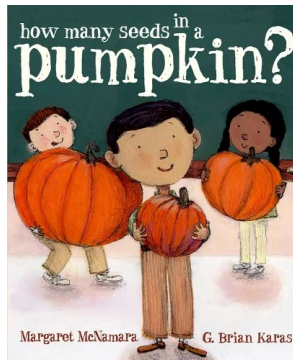
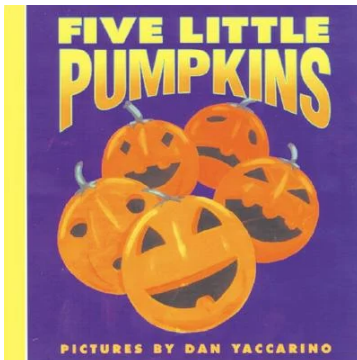
SLIMESATIONAL! Halloween wouldn't be the same without some slimy fun, and Steve Spangler has plenty of incredible slime experiences to connect here. Check out **Edible Slime** and **Smoking Bubbles**. Students can also create and write down their own slime recipes (an opportunity for computational thinking AND language arts connections. You might also have students design, build, create, and write about the perfect Halloween sidekick.

- **Frankenslime** by Joy Keller, illustrated by Ashley Belote
- **Witch & Wombat** by Ashley Belote



If you want to connect the experience to an author study, introduce your students to author/illustrator Ashley Belote via the **Adventures in Learning podcast**. Check out the reader guides on **Ashley's page**.

PUMPKIN PANDEMONIUM! It's pumpkin season! So many possibilities for graphing, measuring, and computational thinking. How many seeds are in a pumpkin? Do big pumpkins have more seeds than little pumpkins? But if you want to raise your pumpkin game, check out **Steve's Exploding Pumpkins**, **Glowing Pumpkins**, and **Oozing Pumpkins**. You could use *Zombies Don't Eat Veggies!* as an introduction to gardening and parts of a plant. It could launch discussions about what kinds of foods zombies and ghouls eat and what kinds of foods we eat. You could use it as a launch for graphing favorite fruits and vegetables or favorite Halloween candy (or, for the truly ambitious, graph and plan your own school vegetable garden).



- **Five Little Pumpkins** by Dan Yaccarino (illustrator)
- **How Many Seeds in a Pumpkin?** by Margaret McNamara, illus. by G. Brian Karas
- **Zombies Don't Eat Veggies!** by Jorge Lacera and Megan Lacera



Looking for more strategies for building connections between multicultural picture books and engaged STEAM learning across the curriculum? Reach out to me at diane@drdiane adventures.com. I would love to help your school put together a professional development package that inspires and delights your early childhood and elementary teachers.