



# THE TIDE

Collaboration From Collazo Cove

## FEATURED LESSONS

February has two special days elementary kids love to celebrate! Here are some of my favorite lessons to help integrate STEM into your activities!



### Groundhog Sphero

Create paths that the groundhog (Sphero or other robot) must travel to get to its den. [HERE](#) are the books I incorporate and groundhogs you can print if you'd like.



[HERE](#) is a fun Valentine Zipline Challenge which incorporates the picture book Love, Ruby Valentine.



### Build a Burrow Challenge

Have students build a burrow for their Dash Groundhog using Versatiles, KEVA planks, or other STEM materials and then have them practice driving or coding their robot to go inside! Harder than it seems! [SLIDES](#)

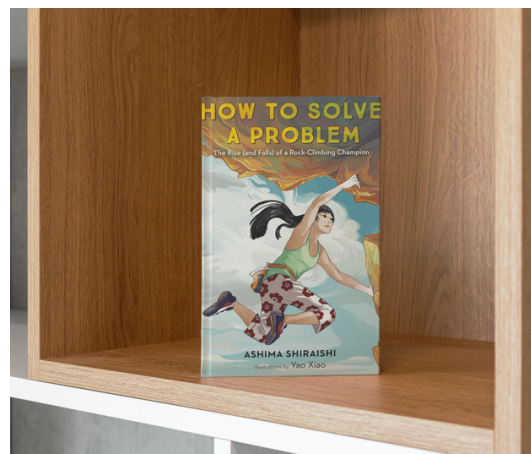


Do you have access to Tello Drones? [HERE](#) is a fun lesson related to the true story of Gail Halvorsen, a fighter pilot during WWII who dropped candy to the children of Berlin.

## ON THE BLOG

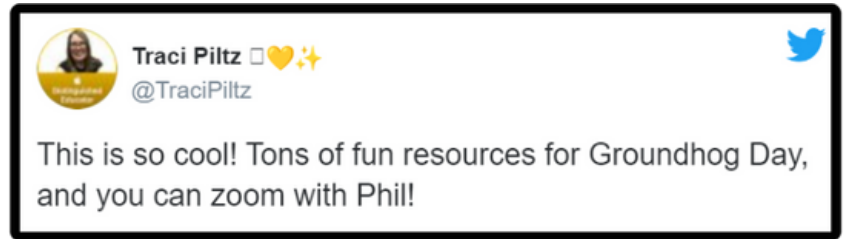
STEM PB #10 in the series is another great non-fiction book written by Ashima Shiraishi, an amazing climber who shares her strategies for approaching difficult problems and failure. As always lesson ideas are included.

Make sure you check it out at [collazocove.com/blog](https://collazocove.com/blog)!





# STEM CLASSROOM TIPS



If you don't follow [Traci Piltz](#) on Twitter (X), you should! She shares amazing elementary technology integration ideas all the time! [HERE](#) is the Groundhog Day link she references above.

[Mystery Science](#), also an amazing STEM resource, has a great mini-lesson related to Groundhog Day! Make sure you check out all of their other topics too!



# ADDITIONAL HIGHLIGHTS

As you know, I believe one of the BEST ways to begin a STEM challenge is with a picture book! If you REALLY want to kick that read aloud up a notch, make sure you see if the title is included on [Novel Effect](#)! Your kids will be mesmerized with the sound effects!



April 26<sup>th</sup>, 2024

## Building Engineers in K-5 Classrooms

FREE Registration, Breakfast, Lunch, and Snacks!

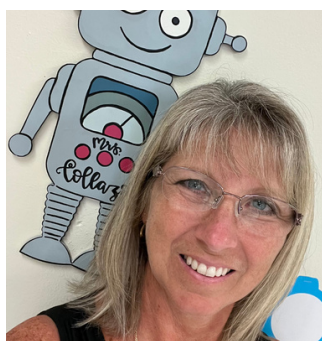
Located at the McKimmon Center at NC State

[K5engineers.org/conference](http://K5engineers.org/conference)

North Carolina Department of PUBLIC INSTRUCTION CCNETWORK

It's TIME!

Register to attend THE BEST STEM conference around! Amazing workshops, sessions, and vendors will be gathering in Raleigh, NC in April! We'd love to have you join us!



# LET'S CONNECT!

I'd love to hear your thoughts and share ideas!

Don't hesitate to reach out.

We can make STEM integration better together!

[@kcollazo](#) [linkedin.com/in/kimcollazo](https://www.linkedin.com/in/kimcollazo) [kscollazo@gmail.com](mailto:kscollazo@gmail.com)