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K-12 STEM ENQUIRER

Virtual TechFest

TechFest is a yearly two-day event (hosted by Sinclair Community College and organized by the Affiliate Societies Council of Dayton) held since 2003. The focus of TechFest is STEM experiences and learning for the whole family.

Due to Covid-19, TechFest was a virtual event this year. Exhibitors, including the Educational Outreach office and the WOW! program, created virtual exhibits to keep students engaged and interested in STEM.

This year's event was held earlier this month, and offered amazing STEM learning opportunities for students, parents, teachers, and STEM professionals. The virtual exhibits can be found on their website: www.techfestdayton.org

The WOW! activity, entitled A Tooth Egg-speriment, can be found on our WOW! TV for Kids page, amongst other short and easy videos of STEM activities kids can watch or do at home. http://wpafbstem.com/pages/wow_tv_kids.html

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...Join Us Next Month

- FIRST® LEGO League
- Virtual Read Across America
- FIRST® Tech Challenge Ohio Qualifying Teams



Supplies:

- 7 white raw eggs
- 7 clear cups or glasses (cover with a rubber band and Saran Wrap, or jars with lids)
- tape or paper for labeling
- trays or plates
- paper towels

Various liquids such as:

- water
- dark-colored sugar-free drink
- cola
- orange juice
- milk
- vinegar
- oil

Tooth Egg-speriment

WOW TV
WIZARDS @ WRIGHT

WPAFBSTEM.com

Get your parent's approval before starting this activity.



Virtual Read Across America

The National Museum of the United States Air Force will be participating in the 2021 Read Across America program virtually. 2nd and 3rd grade teachers are invited to register for this very unique opportunity!

The Museum's Education Division has selected 5 age-appropriate books this year. With permission from the authors and publishers of these books, a short (8 to 15 minute) video of each book will be made available to those who register. Each of these YouTube videos will include the book being read (with images from the book) and a short tour of a corresponding museum exhibit!

Per the request of the authors and publishers, access to these videos must be restricted. These videos will only be available from March 2-30, 2021.

Interested teachers must register to gain access to these video links by emailing the Education Division at NationalMuseum.MUT@us.af.mil. The first 1,500 requestors will be granted access. You can register now but will not be able to view the videos until March 2. Once we receive a maximum 1,500 email requests, registration will be closed.

We look forward to hopefully inviting you and your students to attend our Read Across America program, in-person next year!

If you have any questions, please contact Mr. John Duren at 937-255-4652.



WOW! TV for Teachers has a new format!

We now offer WOW! in the Classroom lessons in a **new** video format.

- Videos can now be used with students when a volunteer is not available to come in.
- The video is complete on its own - it is exactly what a Wizard would teach and do during an in-person visit.
- Follow the video and pause at indicated times so students have time to complete the hands-on activities.



Schedule WOW! on Wheels to have all of the necessary materials delivered to your school.

http://wpafbstem.com/pages/wow_wheels.html



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