

The University of Texas at El Paso
Geological Sciences Department
Presents

EARTH SCIENCE WEEK

VIRTUAL
FIELD TRIPS
SCIENCE PRESENTATIONS
AND
DIY WORKSHOPS

OCTOBER 16 - 22

ALL AGES

VIA ZOOM

INCLUDES RAFFLE GIVEAWAYS

Email geology@utep.edu

for more information

Virtual Earth Science Week – October 16th-22nd

**A SPECIAL THANK YOU TO
OUR COMMITTEE MEMBERS**



NAME: Anais Vazquez
POSITION: Chairperson



NAME: Annette Veilleux
POSITION: Moderator



NAME: Nohemi Valenzuela
POSITION: Secretary



NAME: Allison Emmett-Bailleres
POSITION: Marketing/Promotion



NAME: Jose A. Garcia
POSITION: Member



NAME: Judith Hoyt
POSITION: Member



NAME: Abiodun Ayo-Bali
POSITION: Member



NAME: Valeria Molina
POSITION: Member

Parents and Minors

If you are a minor attending any of these virtual events, the mediator will require verbal and/or visual confirmation from a parent or guardian at the start of each session. If the parent or guardian does provide authorization for the minor to participate at the start of each session, the minor will be removed from said session.

Friday, Oct. 16th, 2020

Presenter: Andrew Zitnik

Activity/Presentation: Virtual UTEP Arroyo Tour

Description: PowerPoint presentation of a virtual tour along the UTEP arroyo created by Dr. Doser.

https://minersutep-my.sharepoint.com/:p:/g/personal/doser_utep_edu/EZ69mX-PGLNHpup4CnNfwD4BBU6YiDkYwhi7NxQuFoa-qA?rttime=qKBqVd9q2Eg

Date and Time: Friday Oct 16th 11:00AM - 12:00PM

Recommended Materials: N/A

RSVP:https://utep-edu.zoom.us/meeting/register/tZMrc-GppzIvEtD-mvqcOo3mgYzZMAcn_hHc

Saturday, Oct. 17th, 2020

Presenter: Lin Ma, Robert Rohbaugh, Jason Ricketts

Activity/Presentation: River Walk

Description: Research posters along hiking trails by the Rio Grande, accessed from Mary Frances Keisling Park or from the Artcraft underpass or from the parking lot next to the Borderland bridge.

Date and Time: Saturday Oct 17th 9:00AM - 12:00PM

Required Materials: Face mask

RSVP: <https://bit.ly/River-Walk>

Presenter: Geology Club: Alejandro Gaitan, Nohemi Valenzuela, Valeria Molina

Activity/Presentation: Limestone & Vinegar

Description: The presenter will demonstrate how to make a limestone & vinegar test and explain the science behind it. Everyone will go out to their backyards or front yards and collect a couple or rock samples. Together we will test each sample and share each other's findings.

Date and Time: Saturday Oct 17th 12:00PM - 1:00PM

Recommended Materials: Vinegar, a cup or bowl, an assortment of rocks from backyard, straw, magnifying glass(optional), hydrochloric acid (optional).

RSVP:<https://utep-edu.zoom.us/meeting/register/tZcuf-Ggpz0uGNS2z2CNJBy3GBdnLu-KoRG1>

Presenter: Dr. Kubicki

Activity/Presentation: Modeling Earth One Atom at a Time

Description: Recorded live video of the presentation

Date and Time: Saturday Oct 17th 1:00PM - 2:00PM

Recommended Materials: N/A

RSVP: https://utep-edu.zoom.us/meeting/register/tZ0lcuGoqDsoEtOpnguDUTufvLs_Fd93vtTJ

Saturday, Oct. 17th, 2020 (cont.)

Presenter: Marcos Mendez

Activity/Presentation: Trashquaponics 1st Part

Description: This session will be based on two parts: first part is to get the instructions and second part will be to show final product. Learn the basics of aquaponics so that you can make your own aquaponics system using items that would normally be sent to a landfill.

Date and Time: Sunday Oct. 17th 2:00PM - 3:00PM

Recommended Materials: Soldering iron (the lower the temp the better), tubing (the size is dependent on your build), packaging from everyday items that may be headed to the landfill (such as water gallon water bottles, yogurt containers, orange juice bottles, mixed nut container etc.) small water pump and some pebbles.

RSVP: <https://utep-edu.zoom.us/meeting/register/tZItf-CrrD4rGNNHneLBL0Dz1H9eS7aOtjyl>

Monday, Oct. 19th, 2020

Presenter: Carmel Murillo

Activity/Presentation: Virtual Earth Day Escape room

Description: Word puzzles and games related to Earth Science (Grades 1 - 4)

Date and Time: Monday Oct 19th 1:30PM-2:30PM

Recommended Materials: N/A

RSVP:<https://utep-edu.zoom.us/meeting/register/tZMtce6orTwuEtVj73-NJOvPuYLQGMz1v5JQ>

Tuesday, Oct. 20th, 2020

Presenter: Jose A. Garcia (Tony)

Activity/Presentation: Google Earth Virtual Field Trip

Description: Physical Geology field trip video with Question & Answer session afterwards

Date and Time: Tuesday Oct. 20th 9:00AM - 10:00AM

Recommended Materials: N/A

RSVP: https://utep-edu.zoom.us/meeting/register/tZctf-qurj4tEtIs1upr4XQhvnHB2aXT6J_I

Presenter: Allison Emmett/Stephanie Marquez

Activity/Presentation: Antarctica Glacier and Climate Change

Description: PowerPoint presentation and compost workshop

Date and Time: Tuesday Oct 20th 11:00AM -12:00PM

Recommended Materials: N/A

RSVP: https://us02web.zoom.us/meeting/register/tZUqceqtpzIuHtMK1w80JhiJ9EAfYwSOUQS_i

Presenter: Association for Women Geoscientist (AWG)

Activity/Presentation: Reduce Your Carbon Footprint

Description: Participants will learn about how to live more sustainably, including how to reduce your carbon footprint. Some topics covered will include saving water, energy, and supporting locally. A small amount of time will also be devoted to learning about native plants and easy house plants to take care of. A Kahoot game will be played at the end. “Carbon footprint” bingo sheets will also be available for download at the end of the session for participants to post on social media.

Date and Time: Tuesday Oct 20th 3:00PM -4:00PM

Recommended Materials: N/A

RSVP: <https://bit.ly/Reduce-Your-Carbon-Footprint>

Wednesday, Oct. 21st, 2020

Presenter: Dr. Engle

Activity/Presentation: Groundwater Visualization and Flow

Description: A short video describing groundwater in the El Paso area and provide a demonstration of how you can distill salt water into freshwater using items around your house.

Presentation: <https://vimeo.com/466252342>

Demonstration: <https://vimeo.com/466253685>

Date and Time: Wednesday Oct 21st 9:00AM - 10:00AM

Recommended Materials: N/A

RSVP: https://utep-edu.zoom.us/meeting/register/tZUsduCvpjgqG9InBgx47l_VkzC78wVzChA9

Presenter: Brittney Collins

Activity/Presentation: Human Impact on the Environment

Description: A 15-minute PowerPoint presentation on human impacts on the environment.

Date and Time: Wednesday Oct 21st 1:30PM - 2:30PM

Recommended Materials: PowerPoint

RSVP: <https://utep-edu.zoom.us/meeting/register/tZMpdeirqzIrGdVtAlNVs5ixZ7YimXw-fFRe>

Presenter: Geology Club: Valeria Molina, Nohemi Valenzuela

Activity/Presentation: Show and Tell Minerals/Fossils

Description: Everyone will have a short show and tell presentation for a mineral/fossil they have collected. Topics of discussion can range from locality, funny story, or background of the mineral/fossil

Date and Time: Wednesday Oct 21st 2:30 - 3:30PM

Recommended Materials: Favorite Mineral/Fossil you have collected!

RSVP: <https://utep-edu.zoom.us/meeting/register/tZ0td-6hqzsjG9JjuQvupHOsgDbZoRJyxb73>

Thursday, Oct. 22nd, 2020

Presenter: Daniela Flores, Allison Emmett-Bailleres

Activity/Presentation: Nature in Your Neighborhood

Description: Scavenger hunt for natural objects around your neighborhood. First meet time will be to go over Scavenger Hunt List. Second meet time will be to go over what everyone found throughout the day. (Two links required)

Date and Time: Sunday Oct. 22nd 10:00AM - 10:30AM and 3:30PM - 4:30PM

Recommended Materials: Smart phone with camera

RSVP: 1^s <https://utep-edu.zoom.us/meeting/register/tZwsfuuprT8vH9CNm8PkY0Y7XINq9JvIX-eM2> 2ⁿ <https://utep-edu.zoom.us/meeting/register/tZcldOuhrTItHtNcAoboOkaCGLWoGNnwFRu6>

Presenter: Geology Club: Ilyhanee Robles, Carmel Murillo, Nohemi Valenzuela

Activity/Presentation: Earth Science Arts & Crafts

Description: Using recycled materials with the Geology Club to create a science themed craft!

Date and Time: Thursday Oct 22nd 1:00PM - 2:00PM

Recommended Materials: Paper plates, markers, plastic cups/wrappers, newspaper, glue, etc.

RSVP: <https://utep-edu.zoom.us/meeting/register/tZMvd-qgrj4vGdIfs09BjDJnCncrCCGeDseO>

Presenter: Marcos Mendez

Activity/Presentation: Trashquaponics 2nd Part

Description: This session will be based on two parts: first part is to get the instructions and second part will be to show final product. Learn the basics of aquaponics so that you can make your own aquaponics system using items that would normally be sent to a landfill.

Date and Time: Sunday Oct. 22nd 2:00PM - 3:00PM

Recommended Materials: soldering iron (the lower the temp the better), tubing (the size is dependent on your build), packaging from everyday items that may be headed to the landfill (such as water gallon water bottles, yogurt containers, orange juice bottles, mixed nut container etc.) small water pump and some pebbles.

RSVP https://utep-edu.zoom.us/meeting/register/tZ0rfuypqDgsE9OiFLTcErDqe_LcPRfYx8UY

October 16th – October 22nd (ends at 5 PM)

For Participants of the AWG event*

Activity/Presentation: Carbon Footprint Bingo

Description: Join us all week on Instagram and complete as many items as you can to help reduce your carbon footprint. We will also be posting our actions throughout the week! Join our bingo game for a chance to win a \$10 gift card!!

1. Follow @awgsuncity on Instagram
2. Post the items to your story and tag us!
3. Complete at least 5 items of the bingo card by Thursday October 22nd at 5 PM

Date and Time: October 16th – October 22nd (ends at 5 PM)

Recommended Materials: Instagram Account

RSVP: VIA INSTAGRAM DOES NOT NEED A RSVP



PARTICIPATION WINNERS:

**A CHANCE TO WIN
A \$10 TARGET GIFT CARD
EACH DAY OF PARTICIPATION**





VOLUNTEER WINNERS:

1ST PLACE - \$30 UTEP BOOKSTORE GIFT CARD

2ND PLACE - \$15 TARGET GIFT CARD

