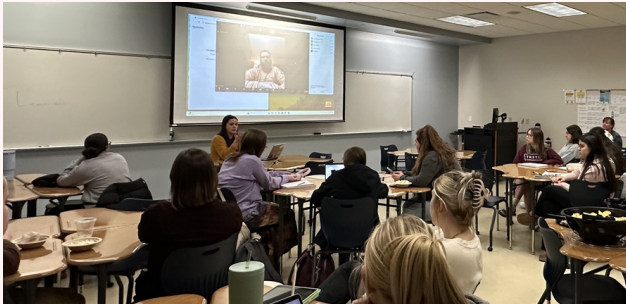




APPALACHIAN STATE UNIVERSITY

REICH COLLEGE OF EDUCATION
**Mathematics and Science
Education Center**

FEBRUARY/MARCH 2024 STEM AMBASSADORS NEWSLETTER



THANK YOU!

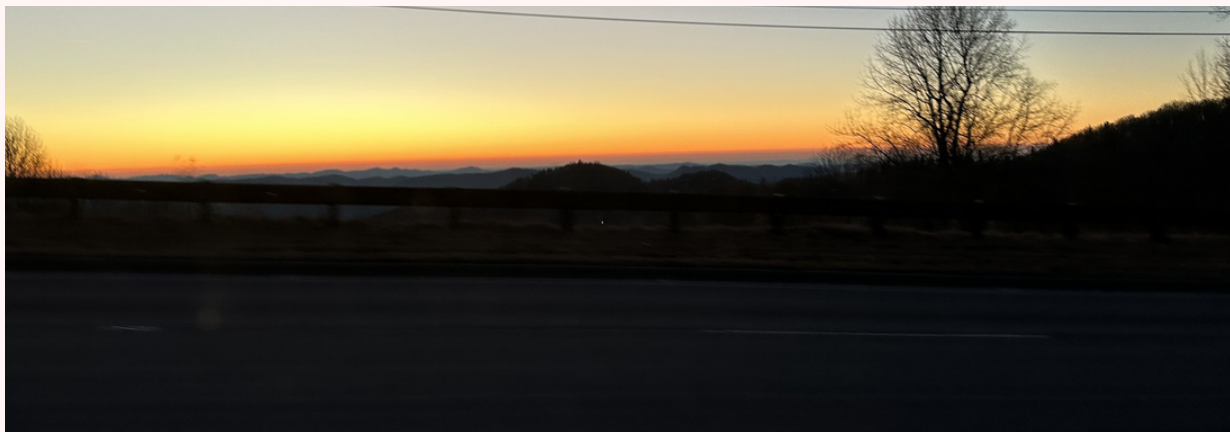
A SPECIAL THANK YOU TO AMANDA HUFFMAN AND JIM BROWN. THESE TWO STEM AMBASSADORS, AND WONDERFUL MATH TEACHERS, LED A SESSION WITH MORE THAN 20 PROSPECTIVE MIDDLE AND SECONDARY MATH TEACHERS. THE PRESERVICE TEACHERS WERE INSPIRED BY WHAT THEY HEARD IN THIS JOINT EVENT SPONSORED BY MSEC AND THE PROSPECTIVE TEACHERS OF MATHEMATICS ASSOCIATION!

MARK YOUR CALENDARS

OUR NEXT STEM AMBASSADORS MEETING WILL OCCUR ON MONDAY MARCH 18, 2024 AT 4:30. WE LOOK FORWARD TO SEEING YOU ON ZOOM TO DISCUSS ISSUES RELATED TO STEM TEACHING AND LEARNING IN NC. JOIN US USING THE FOLLOWING [LINK](#). YOU WILL ALSO RECEIVE AN EMAIL INVITATION BEFORE THE MEETING ON MONDAY.

NCDPI ONLINE EVENT FOR THE NEW NC SCIENCE STANDARDS

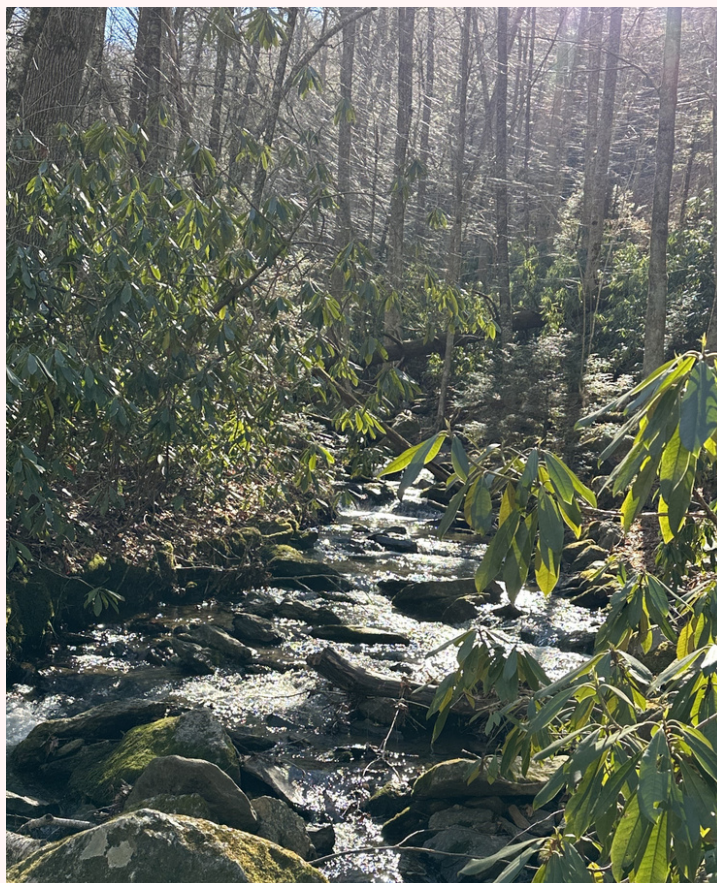
ON APRIL 11, 2024 FROM 3:30-4:30, NCDPI WILL HOST A SESSION TITLED "PREPARING FOR K-12 SCIENCE STANDARDS IMPLEMENTATION." DURING THE SESSION, THEY WILL OFFER TIPS AND STRATEGIES FOR PREPARING FOR THE NEW STANDARDS. FOR INFORMATION ABOUT REGISTRATION, PLEASE EMAIL UPSONLK@APPSTATE.EDU.



GRANT OPPORTUNITIES

STEM AMBASSADOR KATIE GRAY REACHED OUT TO SHARE INFORMATION ABOUT THE NC TRAILBLAZERS OUTDOOR CLUB GRANT THAT IS AVAILABLE THROUGH THE NC YOUTH OUTDOOR ENGAGEMENT COMMISSION. THE GRANT WILL PROVIDE YOUR SCHOOL WITH UP TO \$10,000 TO START AN OUTDOOR CLUB. THE DEADLINE FOR APPLYING IS MARCH 31, 2024. THE WEBSITE HAS LOTS OF GREAT INFORMATION ABOUT THIS GRANT AND OTHER AVAILABLE GRANT OPPORTUNITIES. KATIE REPORTED, "WE RECEIVED THIS GRANT LAST YEAR AND IT HAS BEEN AWESOME!"

MATH RESOURCES



THE NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS CLASSROOM RESOURCE PAGE CAN BE HELPFUL. THE SITE INCLUDES MANY RESOURCES THAT ARE ONLY AVAILABLE TO MEMBERS, BUT EACH MONTH THERE IS A SECTION DEVOTED TO FREE RESOURCES FOR ALL GRADE LEVELS.

TEXAS INSTRUMENTS

DIRECTOR OF THE MSEC, DR. CHRYSTAL DEAN, AND I WERE INVITED TO ATTEND A CONFERENCE HOSTED BY TEXAS INSTRUMENTS IN LATE FEBRUARY. WE ARE WORKING WITH SOMEONE AT TI TO TRY AND BRING SOME ADDITIONAL RESOURCES AND PROFESSIONAL DEVELOPMENT OPPORTUNITIES TO THE CENTER. WE WILL LET YOU KNOW MORE AS SOON AS WE HAVE ADDITIONAL INFORMATION. IN THE MEANTIME, YOU MAY WANT TO CHECK OUT THEIR RESOURCES FOR MIDDLE AND HIGH SCHOOL TEACHERS. ON THEIR SITE THEY HAVE LESSONS DESIGNED TO GO WITH THEIR DIFFERENT CALCULATORS. IF YOU ARE INTERESTED IN THE ACTIVITIES, BUT DON'T HAVE THE CALCULATORS, THEY DO HAVE A LOANER PROGRAM. PLEASE LET ME KNOW IF YOU WOULD LIKE ADDITIONAL INFORMATION ABOUT THIS PROGRAM

SCIENCE RESOURCES

THE SMITHSONIAN HAS A [PAGE](#) DEDICATED SPECIFICALLY TO EDUCATORS. IN THE [SECTION](#) FOCUSED ON SCIENCE AND NATURE, THERE ARE LESSON PLANS AND RESOURCES FOR ALL GRADE LEVELS. FOR EXAMPLE, IN THE K-5 SECTION, THERE IS AN E-BOOK INTRODUCING STUDENTS TO INSECTS AROUND THE WORLD. IN THE 9-12 SECTION THERE IS A FEATURE ABOUT WOMEN IN SCIENCE WITH PICTURES THAT YOU CAN CLICK ON TO ACCESS A BRIEF BIOGRAPHY OF EACH WOMAN AND HER CONTRIBUTIONS. WHILE THERE ARE THREE FEATURED RESOURCES AT EACH GRADE LEVEL BAND, YOU CAN CLICK ON THE “MORE RESOURCES” LINK UNDER EACH BAND TO ACCESS ADDITIONAL CONTENT.



JUST FOR FUN

I AM CURRENTLY READING THE BOOK [ENTANGLED LIFE: HOW FUNGI SHAPE OUR WORLDS](#) BY MERLIN SHELDRAKE. I AM ONLY 60 PAGES IN, BUT READING IT IS AN AMAZING LEARNING EXPERIENCE. SO FAR, I HAVE LEARNED ABOUT FUNGI THAT ARE STRONG ENOUGH TO LIFT HEAVY PAVING STONES AND OTHERS THAT CAN SOLVE MAZES. IT IS A REALLY DEEP DIVE INTO THE TOPIC, BUT I FEEL LIKE I AM LEARNING SOMETHING NEW ON EVERY PAGE. IF YOU ARE INTERESTED IN BIOLOGY, I ENCOURAGE YOU TO CHECK IT OUT! HERE IS [A REVIEW](#) FROM A BRITISH NEWS AGENCY.

CONNECT WITH THE MATHEMATICS AND SCIENCE EDUCATION CENTER

WEBSITE: [HTTPS://MSEC.APPSTATE.EDU/](https://msec.appstate.edu/)

INSTAGRAM: [HTTPS://WWW.INSTAGRAM.COM/APPSTATEMSEC/](https://www.instagram.com/appstatemsec/)

FACEBOOK: [HTTPS://WWW.FACEBOOK.COM/APPSTATEMSEC](https://www.facebook.com/appstatemsec)