

THE SCIENTIFIC COAT INITIATIVE FOR FUTURE INNOVATORS
Greetings and welcome to Project SCIFI's teacher newsletter!

In this edition we will provide information on helpful tips for preparing your classroom to keep you and your students safe during the pandemic. At the end of the newsletter we have provided links to virtual museums and other activities that can be sent to students for their exploration or implemented in lessons. If there is any additional content that you would like to be included in the newsletter, please email us at rikhildmakwana@gmail.com

Additionally, Project SCIFI is happy to announce that we will be hosting question and answer live with students over Zoom where students can learn about the daily lives of university students, researchers, and medical professionals and the impact their STEM education had on their current career paths. If you are interested establishing a virtual meet-up with your school or classroom, please fill out the following form: tinyurl.com/pscifimeetup or click [HERE](#)

Feel free to pass the link and newsletter on to other teachers at your school!

TIPS FOR ONLINE TEACHING

The transition for online schooling is very new to many students and teachers right now. However, there are institutions that were initially made for online learning such as online colleges. Here are some tips to help teachers continue to effectively teach their students.

Organization is Key

Since students and teachers are not physically with each other it will be harder to teach more complex concepts. Students won't be able to ask many questions and clarify concepts. Thus, it is important to structure the coursework and teaching methods as simply as possible. Having clear cut expectations and "what needs to be known" laid out for students is key. Structuring each class with vivid slides and pictures can help engage students and increase retention for concepts.



More Student Driven Assignments

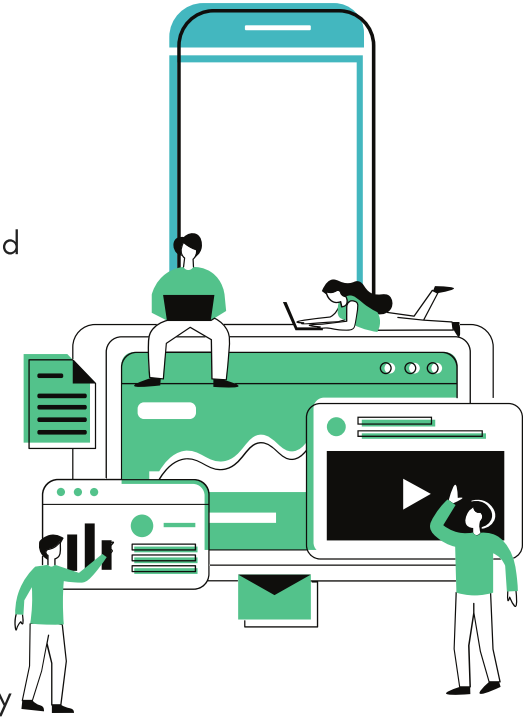
Keeping students engaged over the semester will be harder through a computer while they are at home. Students' attention spans will be lower and thus it will be harder for them to focus. Utilizing student lead discussions can help students stay attentive and also allow



students to better understand the material. Also, teachers can assign long-term projects where students have autonomy and follow a semester long set of guidelines and deadlines. This will allow students to apply their knowledge in a specific way that interests them, which then again keep them more engaged in lecture topics.

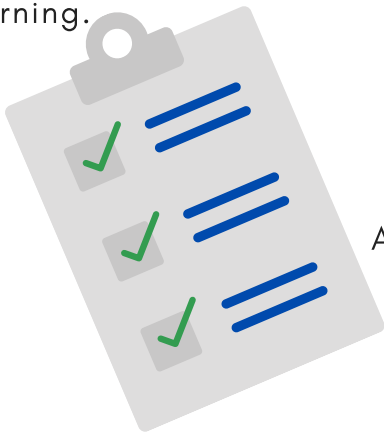
Create a class social media page

Establishing a common forum space such a facebook page will allow students to stay connected with not only the teachers but also their peers, This will also give a place for students to ask teachers questions about their homework and lectures, while also giving teachers easy access to post announcements. Making sure the page is updated regularly will also keep both students and the teachers accountable.



Reach out to students individually

Since all classes will be over video chat with the whole class, students lose the opportunity to discuss privately with their teachers. It will take an extra effort, but teachers can individually reach out to their students to check in on them and make sure they are understanding the material. This way the inter-personality created in the classroom between teachers and students can be maintained through online learning.



Providing online resources to enhance lecture subjects

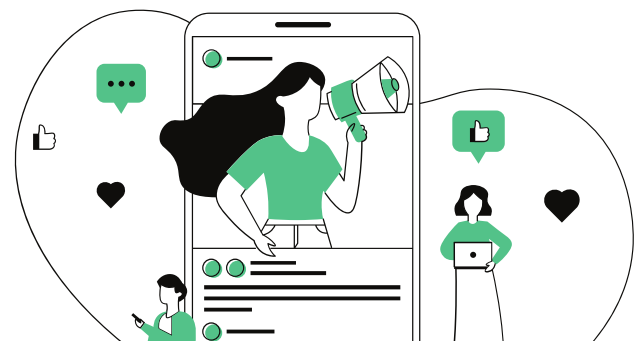
Since students are not able to come in after/ during class for extra help, finding supplemental sources that can enhance the topics will be very important for students. Sources such as Khan Academy or the crash course youtube channel are examples that will help students understand the material better if they were confused from the lecture.

Mistakes will be made throughout the school year trying to teach this new way. However, it is important to listen to your students and adjust to strategies that work best for them. There are many institutions today that can help with online schooling and can provide some tips. Hopefully these tips can be a starting point to plan out an effective curriculum for your students!



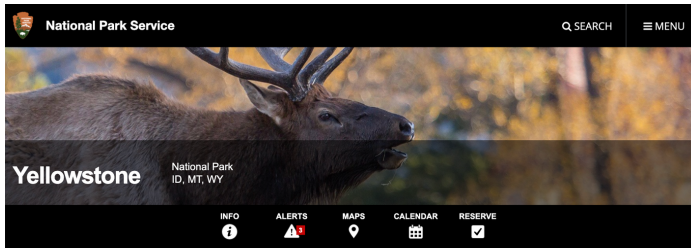
QUICK LINKS

Explore museums across the world virtually via this month's quick links!



Art Institute of Chicago -Virtual Tour

Tune in to book a virtual tour to explore thousands of artwork and learn about renowned collections.and so much more! Click [HERE](#) to access the website.



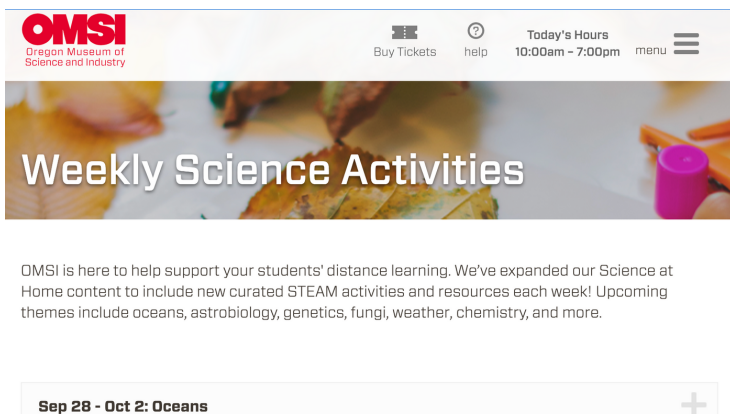
NPS.gov / Park Home / Learn About the Park / Photos & Multimedia / Virtual Tours

Virtual Tours

NY Times Daily Mini Crossword

Times games have captivated solvers since the launch of the Crossword in 1942. Be ready to be intellectually challenged and engage in some crossword puzzle fun!

Click [HERE](#) to access the website.



Metropolitan Museum of Art - Virtual Tour

Click [HERE](#) to visit the website.

Thank you for reading through this issue, and see you next edition!



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THE COLLECTION

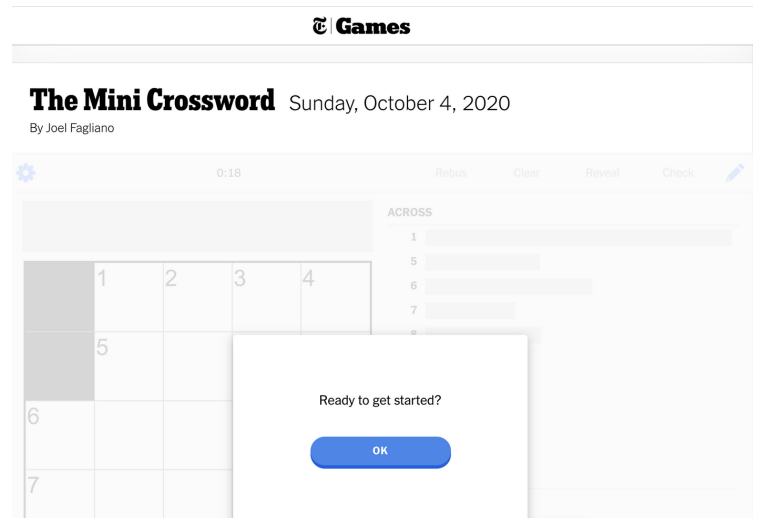
Explore thousands of artworks in the museum's wide-ranging collection—from our world-renowned icons to lesser-known gems from every corner of the globe—as well as our books, writings, reference materials, and other resources.

[ARTWORKS](#) [WRITINGS](#) [RESOURCES](#)

Yellowstone Stone National Park

Ready to explore Yellowstone? You don't have to wait for your trip out there. You can start exploring now by virtually touring some of the main attractions around the park.

Click [HERE](#) to visit the website.



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