



B'More Climate Literate

Online Professional Learning Workshop for Secondary Science Teachers

Towson University's [Center for STEM Excellence](#) is excited to announce an online professional development workshop focusing on climate literacy aligned with the Next Generation Science Standards for secondary science teachers.

What?

Generously funded by Exelon and the Museum of Science and Industry Green Lab Grant, the B'More Climate Literate workshop prepares participating teachers to engage their students in learning about climate change through the three dimensions of the Next Generation Science Standards. Over the course of four Saturday workshop sessions, participants will learn about three original climate change lessons developed by the Center for STEM Excellence,

Participants will receive a full kit of materials for each of the three lessons and will be able to keep all the materials for use in future years.

Who?

This workshop is open to middle and high school science teachers in Maryland, Delaware, and Illinois. Participants must be able to attend all workshop sessions (listed below). Maryland teachers who successfully complete the workshop can earn (2) CPD credits. All participants who successfully complete the workshop will earn a \$450 stipend, with the opportunity to earn up to \$900.

When?

The workshop will take place completely online. See a detailed schedule below.

Synchronous			Asynchronous	
Day	Time	Hours	Days	Hours
July 9, 2022	9:00 am to 1:00 pm	4	July 10-15, 2022	3
July 16, 2022		4	July 17-22, 2022	3
July 23, 2022		4	July 24-29, 2022	3
March 11, 2023		4	~10 hours of independent work expected during school year 2022-23	

How to Apply:

1. Complete the [B'More Climate Literate application](#)
2. Have your principal complete the [principal support form](#)

Questions?

See the FAQ on the next page, or email kberger@towson.edu

Frequently Asked Questions

Who is this workshop designed for?

This workshop is designed for 6th – 12th grade science teachers that are interested in incorporating climate change education into their classrooms.

What if I don't have any experience teaching about climate change?

Teachers do not need to have experience with teaching climate change to participate in the workshop. Participants will leave the workshop with the knowledge, pedagogical skills, and materials to implement three climate change lessons in their classroom.

What are the three climate change lessons that participants will learn about?

Participants will learn about three original climate change lessons developed by the Towson University Center for STEM Excellence. You can read about each of the lessons in the links below:

- [It's a Gassy World!](#)
- [Looking Backwards, Looking Forward](#)
- [Ocean Acidification and Oysters](#)

How will participants get their materials?

Participants will be mailed their kits of materials to their home or school address.

What is the difference between synchronous and asynchronous sessions?

Synchronous sessions will take place via Zoom on the Saturday dates in July and March. Asynchronous work is meant to be completed individually or in groups outside of the synchronous meetings.

Are all sessions mandatory?

Yes, all sessions are mandatory. Due to program constraints, there will be limited options for make-up work.

What will be expected of participants during the 2022-23 school year?

Participants will be expected to implement one of the three climate change lessons in their classroom. Participants can choose when to implement the lesson, and which lesson they'd like to use. After implementation, participants will complete a reflection assignment.

When are applications due?

Applications are due on April 15, 2022. We must receive both the teacher application and the principal support form. We will send an email acknowledging completed applications. Contact Kara Berger (kberger@towson.edu) at any time to confirm that status of your application form.