**Stadium Tour (2 hr)**

**Summary:** The goal of this activity in terms of lesson planning is to give the students a set of questions to think about or actually fill out on paper during the tour of the soccer stadium, emphasizing the topics covered throughout the week, **especially focused on material choice and sustainability.**  These questions should guide them into the next activity, where they will recommend improvements that could be made to make soccer a more sustainable enterprise (this could be related to concessions, souvenirs, uniforms, etc.)

**ILOs:**

1. Identify various types of polymer materials in a real world situation
2. Analyze waste system to determine how effective it is to encourage sustainable practices
3. Ask questions about material circularity to determine current effectiveness

**Equipment list:**

We will need to following materials:

* Lab Handout
* Pencils

**Intro:**

Welcome to the [name] stadium! We will be getting to see lots of new things and experiencing the behind the scenes of what you often see on tv! This tour gives you the opportunity to see a lot within a small time frame, so be sure to make the most out of it! Throughout the tour, be sure to have your thinking caps on, with the discussion questions in the back of your head. How can we be more sustainable? This can come from a multitude of things during this tour, whether choices from soccer players, the fans, and or the stadium design or setup. Make sure to reference the lab handout as we will have activities following this that will build up on

Be creative and enjoy!

**Procedure:**

Pre-Tour

1. Explain the big idea picture to the students regarding looking at material choices and sustainability.
2. Emphasize the students to be creative and to not be afraid to ask questions to the tour guide or us!
3. Go over the questions to think about on the tour (on slides, can be printed as lab handout)

Post-Tour

1. Check in on all students if they have any questions or concerns about the lab handout
2. Make sure to be an open resource and allow students to ask you anything they are unsure of
3. Proceed to sustainability improvement activity (A18)

**Discussion questions/debrief:**

Discussion questions will be in the next activity, we will debrief about questions at the end of the tour, but then formally talk about their thoughts and opinions in the presentation case study activity

**Lab Handout:**

Yes, in the form of powerpoint slides