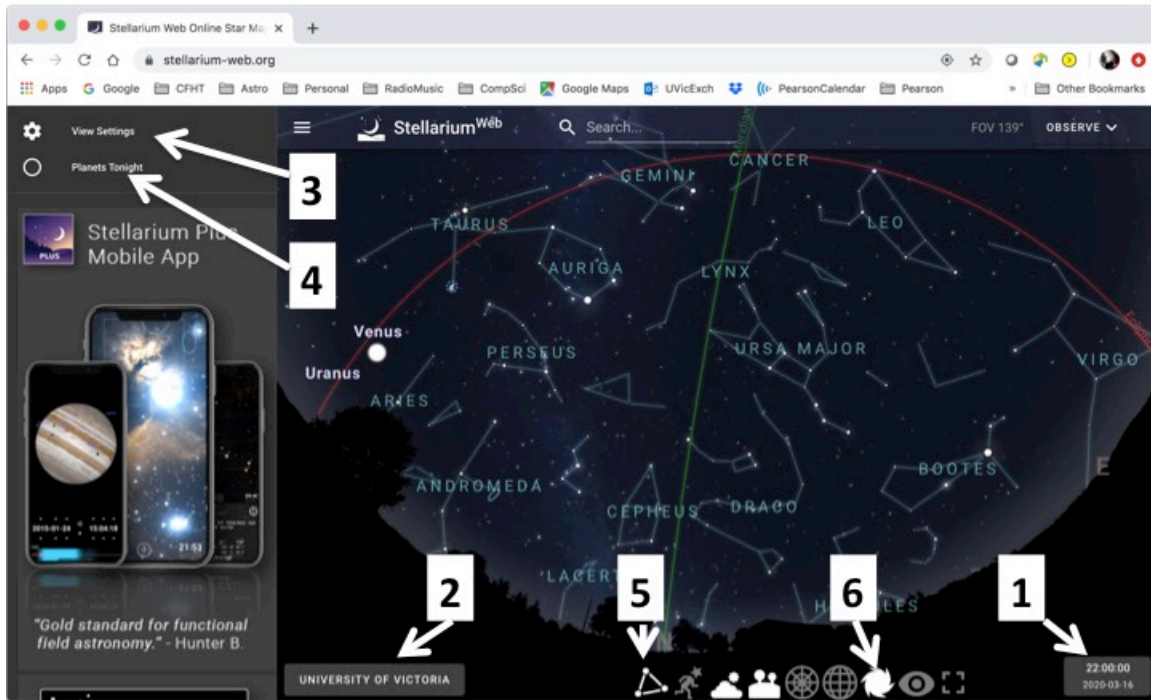


Stellarium-web Cheat Sheet

Go to <https://stellarium-web.org/> . Here is the main start up screen:

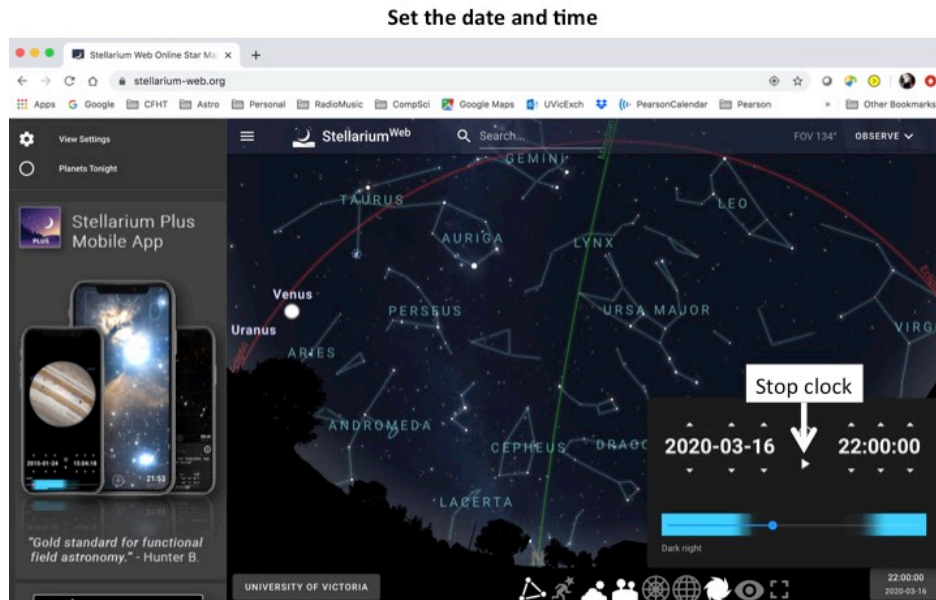
Stellarium-web start up screen



This shows the start up screen. The main buttons are shown numbered and the functions are explained below. However, there are many more useful features, so play around and discover those!

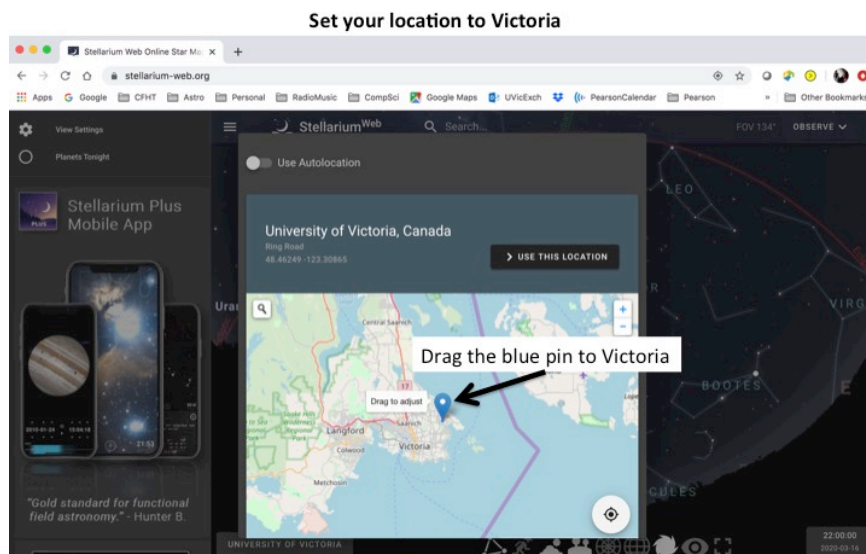
1. Clicking on the date/ time brings up another pop up window (see next page). For consistency, set the date to the date of your lab, and time to 21:30:00
2. Clicking on location brings up a pop up window with a map. Drag the location to Victoria (anywhere in Victoria is fine, not necessarily UVic)
3. Under view setting, select 'Meridian Line' and 'Ecliptic Line'. Meridian is the line (= longitude) that runs directly overhead your location and connects the N and S poles. Ecliptic is the path of the Sun, which the planets and Moon too follow. If you wish to find planets at night, you need to locate the ecliptic first!
4. 'Planets tonight' shows you which planets are visible tonight, when and for how long
5. Selecting this, connects all the stars in each constellation. If you zoom in, you will see the names of stars too
6. This shows the deep sky objects such as star clusters, galaxies, etc.

Step 1: Set the date/time:



Stop the clock, then set the date to the date of your lab, and time to 21:30:00. This will ensure all our answers are consistent.

Step 2: Set your location to Victoria



Your Stellarium_web is set up to complete the night lab. Look through the remaining features and find the info needed to answer all the questions. All the best!