**OOI Data Explorer – Quick Activity Template**

*Use this template to help you design a quick activity based on a dataset or graph you create in the OOI Data Explorer. You can have your students*

* *navigate to a specific platform or instrument in the data explorer,*
* *interact with a Data View you have already setup,*
* *or you can simply provide them with 1 or more graphs you’ve already downloaded. (Hint, start with this.)*

## Step 1 - Activity Goals

**What Ocean concept(s) do you want to address?**

**What Data Skills do you want students to develop?**

**What kind of data are you looking for? E.g. specific instruments, events, ocean processes, or other patterns?**

## Step 2 – Finding Data

**Use the Data Portal to find one or more datasets you want your students to explore.** Take note of the platforms/instruments and date ranges you find of interest. You can paste images or URLs here.

**Based on the datasets you found, what is it you want students to explore, be familiar with, know or do?**

## Step 3 – Objectives

**Now, based on the above, what is(are) your Student Learning Objective(s) for this activity?**

**What is the “challenge question” or “claim” you would like them to address?**

## Step 4 – Pulling the Data Exploration Together

**What Orientation questions do students need to answer to understand the dataset?**

Think about the kinds of “data explanations” you want them to come up with.

**What Interpretation questions do students need to answer to understand the patterns?**

**What Synthesis questions do students need to answer to connect the dataset to the concept above?**

Think about how students should connect their data explanations above, into evidence they can use to support a claim.

**What additional information, pictures or other resources do students need to do this activity / use this dataset?**

**What do students need to know or do before doing this activity?**

*Once you have the information above, you should have all the pieces you need to turn this activity into a worksheet for a group or individual Data Exploration.*