

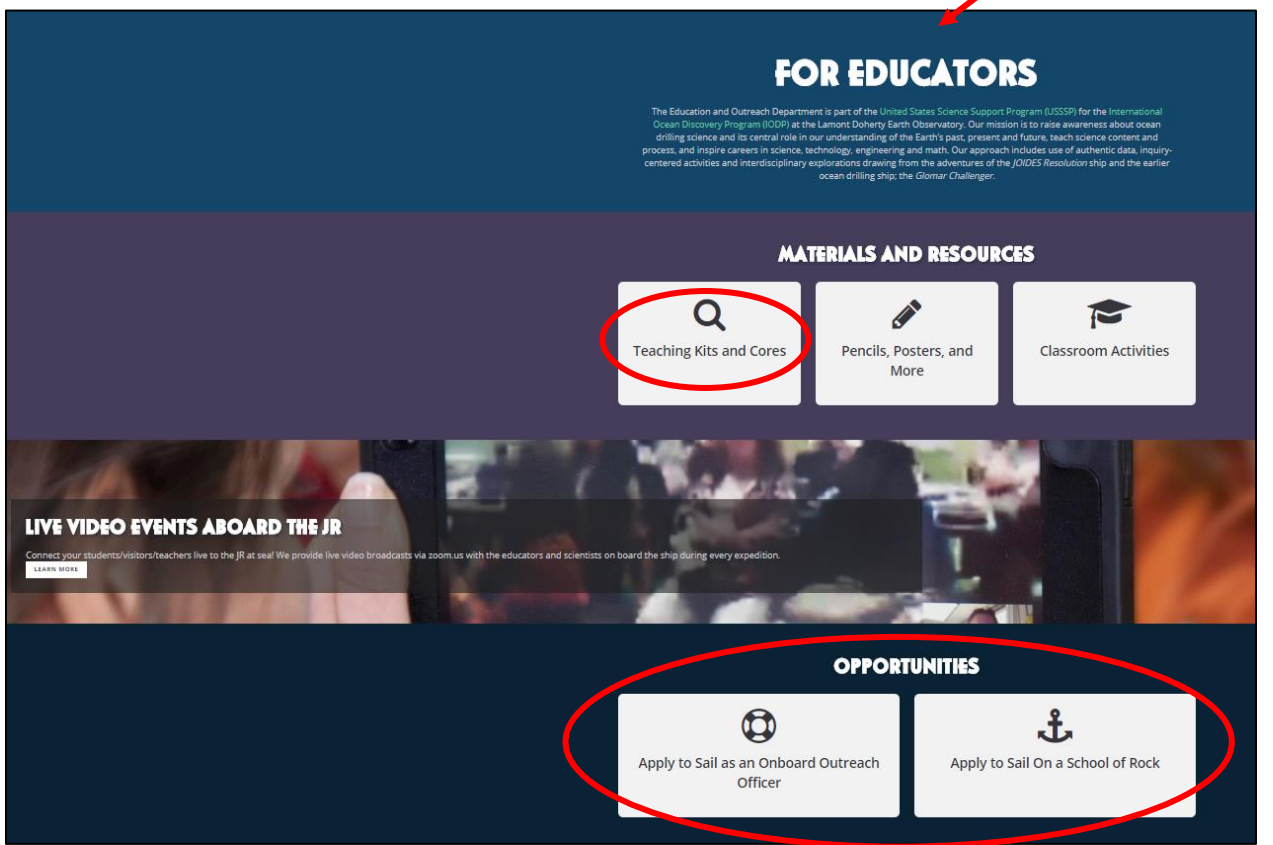
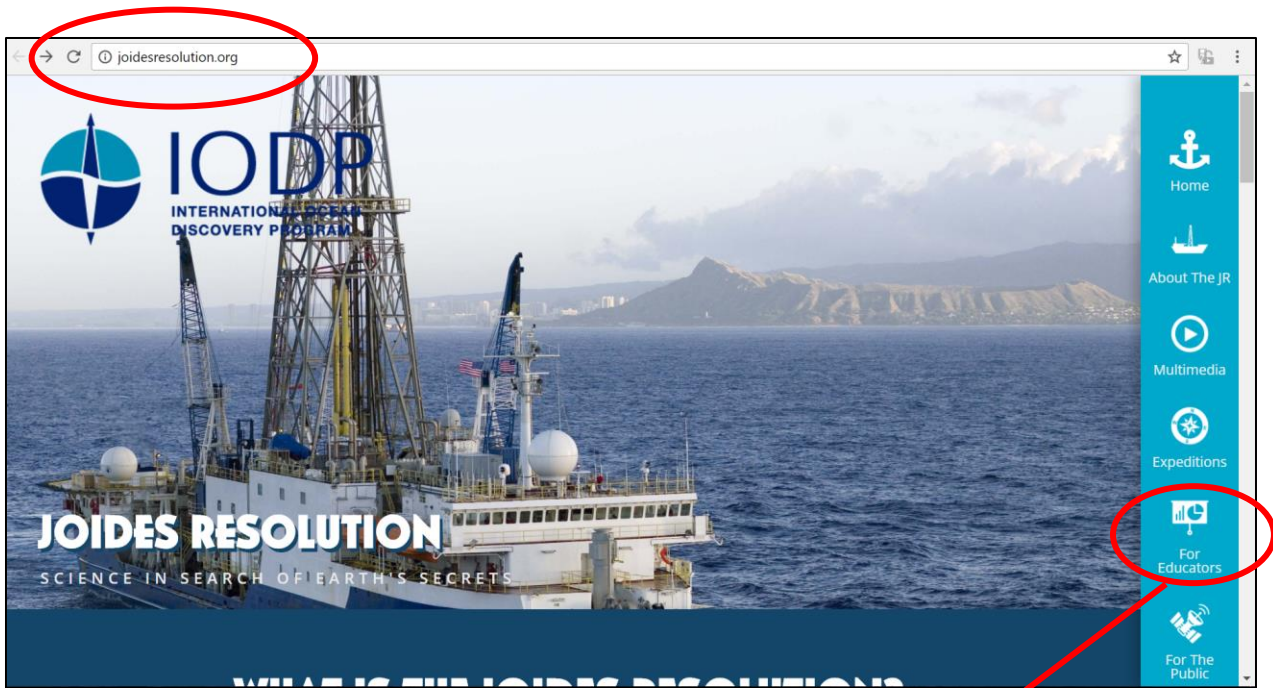
## Science from the Sea Floor – A Lesson on How Science Works

Watch the 10 min video on How Science Works [https://www.youtube.com/watch?v=JH0\\_xC7q9tU](https://www.youtube.com/watch?v=JH0_xC7q9tU)

produced by the Consortium for Ocean Leadership. It explores the process of how real science works using an example from an expedition to sea of the International Ocean Discovery Program. On this expedition the geoscientists study cores of marine sediment to reconstruct what climate was like in the past.

**Answer the following questions on your own and then discuss with classmates:**

1. Is the scientific method linear?
2. List three things you learned from this video about the PROCESS of science:
3. In describing how science works, the video focuses on a team of international scientists who are studying past climate by examining marine sediments. List one thing you learned about past climate from this video:



And follow IODP Expedition 377, Arctic Ocean Paleoceanography - Science and Outreach at <http://www.ecord.org/expedition377>