**NOTES FOR** *OCEAN CURRENTS*

**JAN 30**

Copy and answer these three questions as a journal entry in your duotang **(or you can use complete sentences)**:

1. Why isn't every place on earth the same temperature?

2. Why is the earth so warm during the day and cooler at night?

3. How does the ocean affect temperatures around the world?

**JAN 31**

1. CONVECTION DEMONSTRATION:

Journal Entry: What do you think will happen when I place one of these ice cubes (with food coloring in it) in a class of cool water?

1. CAN YOU EXPLAIN WHAT HAPPENED? Write your observations in your duotang along with a possible explanation.
2. COPY THE DEFINITION FOR ***CONVECTION*** IN YOUR DUOTANG
3. What do you think would affect the rate of convection?
4. What is the first thing you need to do when designing an experiment?

**COPY IN DUOTANG:**

Testable question

Characteristics:

1. Can be answered by designing and conducting an experiment.

2. Identifies the dependent and independent [variables](https://www.monroecti.org/cms/lib07/PA03000492/Centricity/Domain/37/variables.pdf).

3. The outcome should be measurable (can you collect data and compare?)

[PRACTICE](https://prezi.com/m37afmqdweql/testable-questions-examples-and-hypotheses/)