Science Planning

**Unit 3: Earth’s Weather Patterns and Climate (8-9 weeks)**

**Week 4 Big Idea: There is a relationship between air masses and changes in weather**

Week 4 –1/27- 1/31

1/28-1/30 - YWBAT plan and carry out an investigation

Success is: make predictions using collected data

Phenomena: there are patterns that are used to predict changes in weather

* In elbow partners, students choose a major US city to monitor and predict weather changes for during the week (Miami, Portland, Seattle, San Francisco, Chicago, New York City)
  + Weather patterns and trends will be observed on Weather Underground and <https://weather.com/> <https://www.wunderground.com/wundermap>
  + Students will draw and record data for wind, temperature, fronts and radar
  + Students will make predictions for the following day’s weather based on observations and turn in as exit tickets
  + Students will analyze the data each day, revise their predictions, and construct explanations using the new evidence
  + Each day’s work will be modeled first by teacher using Salt Lake City
* Final predictions will have been revised correctly based on investigation and use evidence from their collected data