

## **Polar-ICE Sci-I Project Summer 2016 Educator Workshop**

### **Characteristics of Testable Questions (a guide for developing data inquiry questions and projects)**

#### *SMART Questions:*

- Specific (not too broad)
  - Question begins with How, What, When, Who, or Which, (not with why or is).
- Measureable (there are datasets available to answer the question)
  - Question can't be answered just by doing reading.
- Achievable (the question is able to be investigated with data)
  - Data are available to, or accessible by you.
- Relevant (who cares and why do they care)
- Temporal or Spatially oriented
  - These types of comparisons are usually more accessible and informative

#### *Checklist to make sure it is Testable:*

- Question begins with How, What, When, Who, or Which.
- Question is measurable or able to be investigated with data - available to or accessible
- Question includes effects/variables being investigated.
- Question includes ONLY 1-2 effects/variables.