WG.11.C Assess how changes in climate, resources, and infrastructure (technology, transportation, and communication) affect the location and patterns of economic activities.
What is an economic activity?

Let’s review

Getting raw materials

Process materials by changing their form

business or professional services

provide information, management
What Affects the Location and Patterns of Economic Activity?

• Climate— think about biomes

• Resources
  – What do you have? What can be sold/traded?

• Infrastructure— transportation, communication, etc.
  – Can you get to your resources? What costs are involved in shipping?
What Affects the Location and Patterns of Economic Activity

- Effects of climate:
- Resources accessible?
- Transportation issues
Effect of Geography on Economics

http://www.gapminder.org/world/#$majorMode=chart$is;shi=t;ly=2003;lb=f;il=t;fs=11;al=30
;stl=t;st=t;nsl=t;se=t$wst;ttt=C$ts;sp=6;ti=2014$zpv;v=0$inc_x:mmid=XCOORDS;iid=rX3Jfop
%5FebuY%2DchuMpCgmRg;by=ind$inc_y:mmid=YCOORDS;iid=rAlffGKmiCdztI1C0AR2nw;by
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Here is a real world example:

Melting ice means a new way of life in Greenland

Greenland -- An old Inuit hunter looks out and remembers driving his dog sled team over the solid glitter of ice to a town 55 miles across the water. "The ice then was 1 to 2 meters thick," recalled the hunter. "Now, it's a few centimeters. It's very thin, and you can't go on dog sled."

The winter sea ice that defined Greenlander life for millennia is melting. The Arctic is warming twice as fast as the rest of the world.

Loss of access to seal and walrus meat and fish has created food shortages. Dispirited hunters up and down the west coast, unable to feed winter game to their sled dogs, have been shooting them.

Climate change is changing the economy. Warmer seas have made oil drilling possible. Northwest of here, in the open sea of Baffin Bay, Scotland-based Cairn Energy is drilling an exploratory well this summer.

Geologists see good prospects for oil and gas off Greenland.
What is Changing in Greenland?

- Climate: getting warmer, melting ice.
- Resources: warmer climate limits hunting...will it become warm enough for agriculture? Oil drilling is now possible...does this mean new jobs?
- Infrastructure: dog sleds not usable...will they start using cars?
The Location of Industries and Jobs Depend On:

• Climate
• Resources
• Infrastructure