

Which one is a scientist?

What is SCIENCE?



Asking questions, using evidence to find the answers.
Science is something you DO!

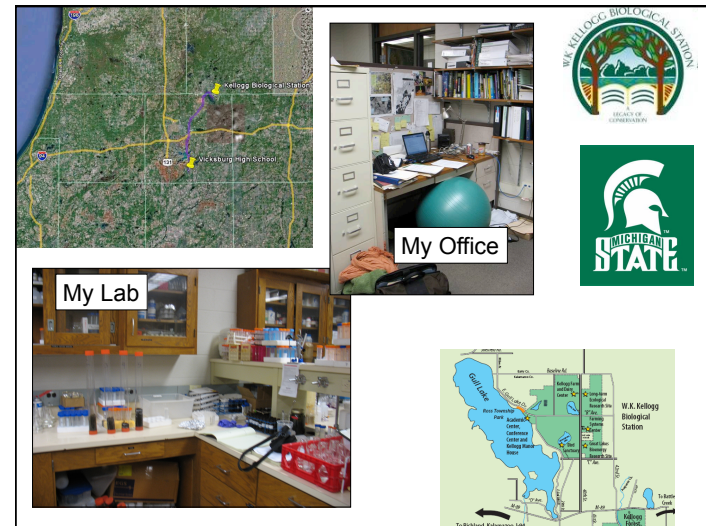
Lauren
Kinsman-
Costello



Wetland
Ecologist

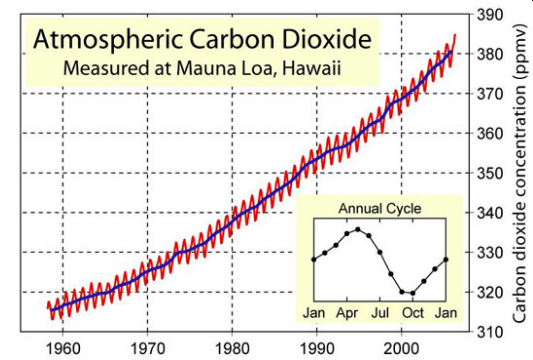


Getting my Ph.D. (21st Grade!)





Climate Change



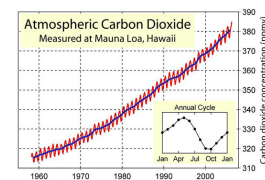
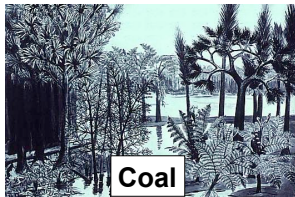
Why is carbon dioxide in the atmosphere increasing?

FOSSIL fuels

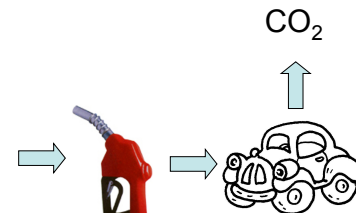
Now:

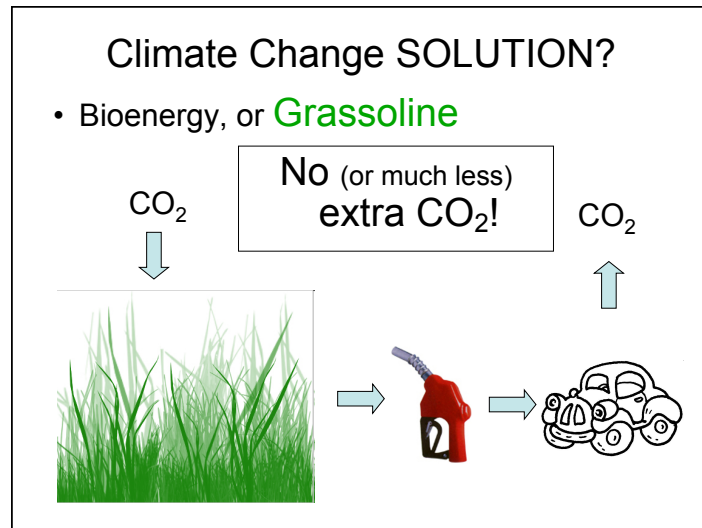


354-290 million years ago (before dinosaurs!):



Burning Fossil Fuels
puts EXTRA carbon
dioxide into the
atmosphere






 **Wanted: Environmental Scientists!**
(meaning you!) 

BioEnergy SusTainability Experiment


The **BEST** Experiment Question:
Is Grassoline Sustainable?
Or
How green is grassoline?

The BEST Experiment Question:
Is Grassoline Sustainable?




or

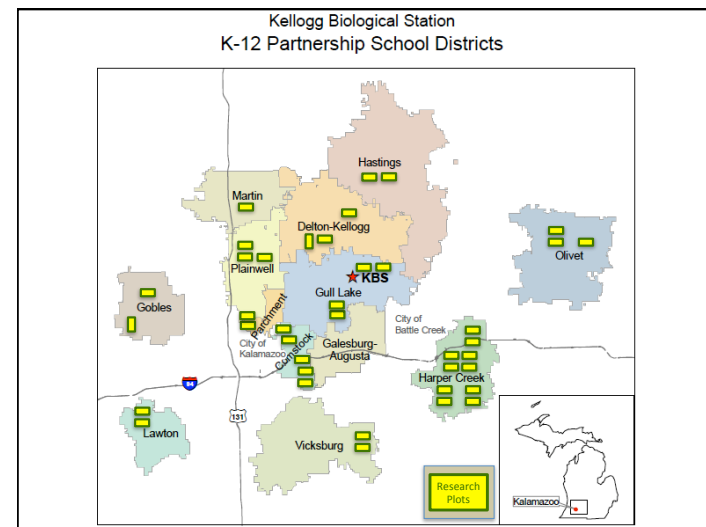
- What kind of grass to make grassoline from?—lots of species (prairie) or just one species (switchgrass)?

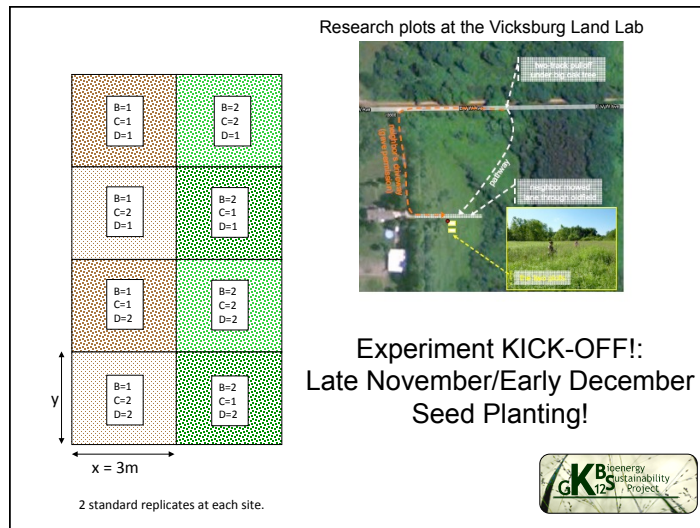


- Should we **fertilize** to make the grass grow bigger? Will doing this create other kinds of pollution?



- What will happen to the **ecosystem** when we **cut** the grass (to make fuel)?





Environmental Science Club!

Be a scientist studying the sustainability of grassoline!

Visit cool nature sites!

Help make your school GREEN!