

Intro

1. How does coal mining affect the environment?

Agenda

1. Fossil Fuels (5)
2. Review Coal Mining (15)
3. Natural Gas / Fracking (15)
4. Pollution / Environmental Impacts + Tragedy of the Commons + CER (30)
5. CER for more points
6. Discuss final project

By the end of class...

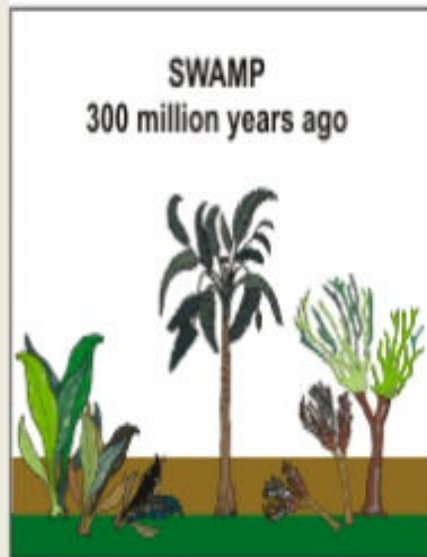
- Write a CER for 8 SUMMATIVE POINTS
 - Can raise most of your grade several points if you do well
 - Can use class notes from today, but nothing else
 - Will be reflected in your progress report

Fossil Fuels -

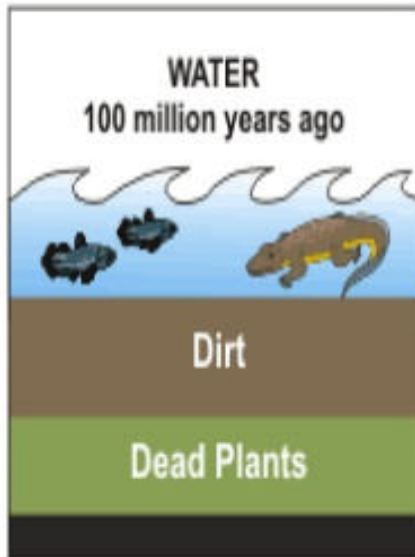
- Remains of plants and animals that lived millions of years ago
- **Nonrenewable**
- Burn easily and produce a lot of heat
 - When they are burned, they release CO₂ in the air



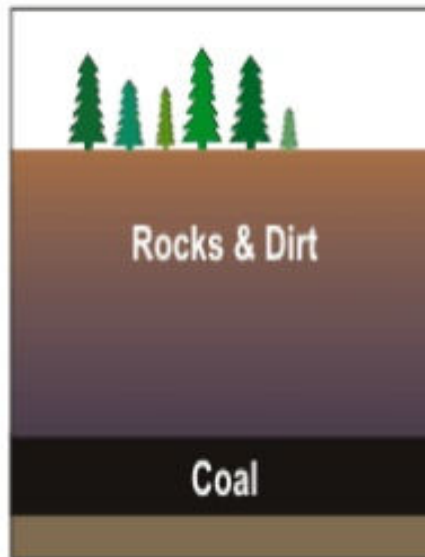
HOW IS COAL MADE ???



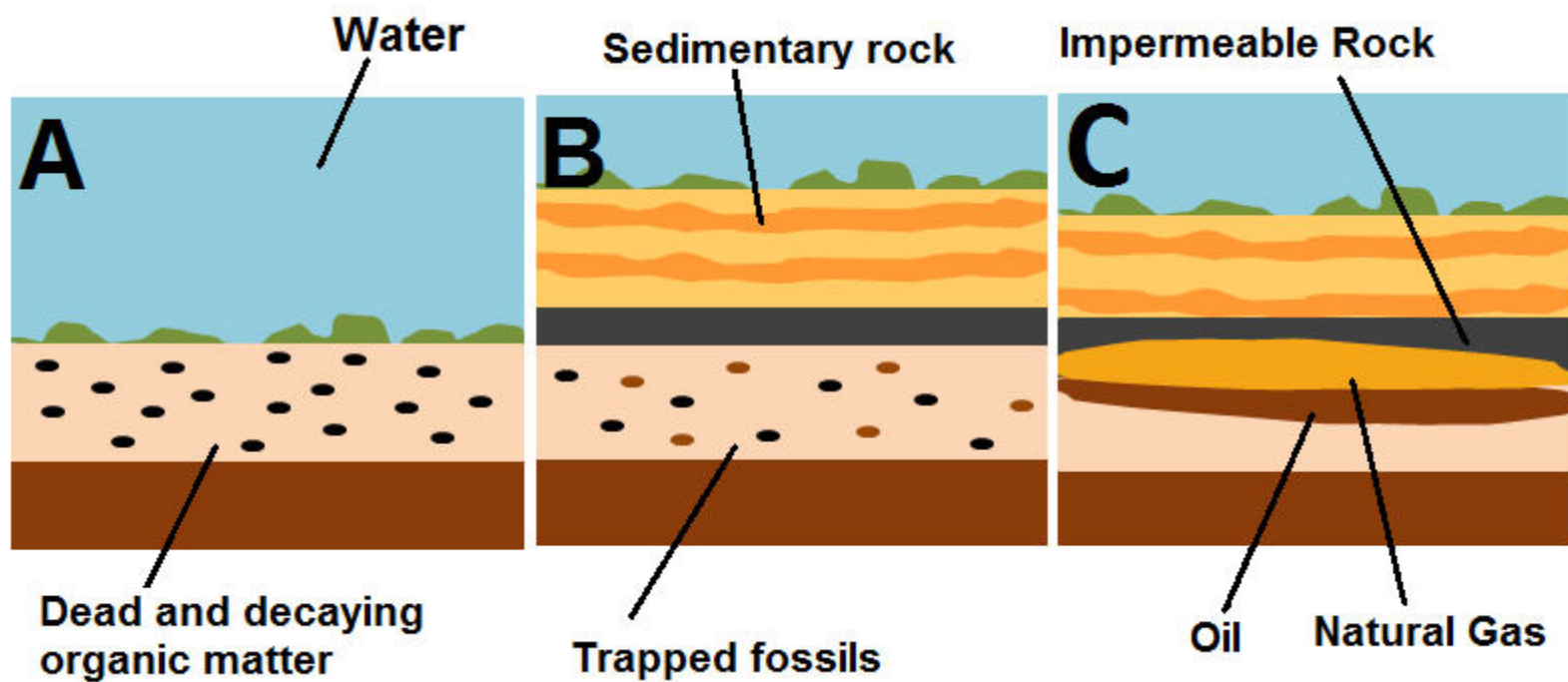
Before the dinosaurs, many giant plants died in swamps.



Over millions of years, the plants were buried under water and dirt.



Heat and pressure turned the dead plants into coal.



Coal Mining



Fracking

