

Anthony Fields

SOL's: BIO.8 a,b,c,d, BIO.2

“Carbon on the Move”

Introduction: “What is carbon sequestration” Where did all the gas go? **(10 minutes)**

- My name, school I attend and major
- What is PINEMAP? What is my role as a PINEMAP intern
- Where was my location placement at PINEMAP

“Carbon sequestration” **(20 minutes)**

- Carbon cycle “Where does all of the carbon go” **(Youtube video of carbon cycle 5:16 min)**
 - Atmosphere pressure
 - Climate change
- Photosynthesis
 - Gas exchange
 - Stomatal Conductance
- Ways in which we sequester carbon
 - Deep Ocean
 - Forest
 - Wooden Homes

Gaming Activities **(20 minutes)**

- Carbon on the Moves
 - organized game where students pretend they are molecules of carbon and see in which ways they can become sequestered.
- To be Carbon based or Not to be carbon based
 - Students will name items that are made from wood products
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Conclusion: **(10 minutes)**

- Why is saving the environment important?
- PLT (Project Learning Tree)
- Take about steps to save the environment

Total: **(50 minutes)**