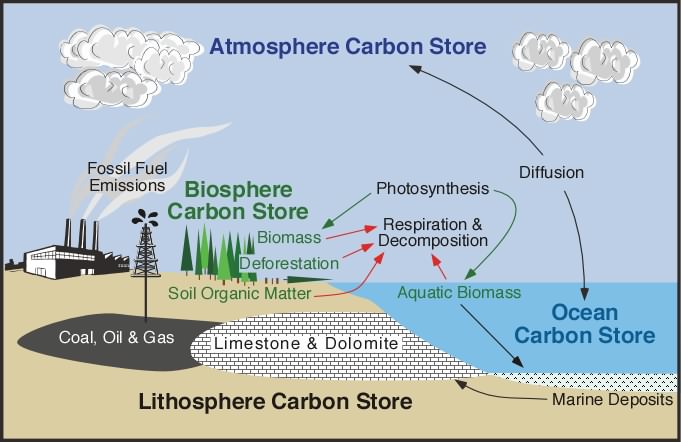
NJBCT Practice Question

In New Jersey there is a slight problem. CO2 emissions are starting to pile up beyond the point that the federal government is allowing. If New Jersey does not reduce the amount of CO2 emissions, then they will be subject to fines and penalties that will negatively affect the public.

Many of the CO2 emissions come from the burning of fossil fuels within NJ. The state is currently looking to utilize a system that involved in reducing the output of CO2 and helps keep NJ a great place to live.

Since the root of the issues with CO2 lie within the carbon cycle, the New Jersey government is looking to students that have knowledge of the carbon cycle and the production of CO2 from the burning of fossil fuels to come up with the solution. Using your information on the Carbon cycle and the information that is provided below, provide a proposal to the NJ legislature that will start to limit the emissions of CO2 in New Jersey.



**Objective:**

1. Come up with two different solutions to be able to reduce the amount of CO2 in the atmosphere.
2. Utilize information that you know about the Carbon cycle and information that is provided to you through the diagram to come up with an explanation to the basic scientific principals behind your idea.
3. Give two real world ways that your policy can be acted out in New Jersey.

**Pre Writing Space**

**Rubric:**

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| --- | --- | --- | --- |
| 4 Point Essay | 3 Point Essay | 2 Point Essay | 1 Point Essay |
| Two separate and unique ideas are given  There is extensive scientific reasoning for each policy  Real world examples with explanation on how they relate are given to enhance the policy | Two ideas are given  Science is used to defend the policy  Real world examples are given and briefly explained | Two ideas are given that are very similar  Insufficient science is used to defend the policy  Real world examples are given | One choice is given for a proposal  There is no scientific reason for the choice(s) given  No real world examples of how to enact the policies are given |