

Jericho Green Team

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Jericho Senior High School

As we perused through the many different options to solve the atmosphere's carbon load, we found that bamboo as our solution. We unanimously chose this as a group for several reasons. Firstly, one of our teammates, Michael has bamboo in his backyard and he always wanted to know more about it. We also decided to choose bamboo because it is a very unusual plant and we never expected it to have a place in the removal of harmful carbon dioxide from our atmosphere. As we read the article, we were stunned by the hundreds, if not thousands of uses bamboo has. It can be used to build, be eaten, made into fabric and the list goes on. This solution reasoned with us because of the main point that the plant takes in carbon dioxide faster than most other plants on Earth. We were surprised to find out that bamboo has an extremely fast growth rate as well as tensile strength. In fact, bamboo can burst through concrete and other compact materials, which is seen as invasive. Therefore, to enhance the use of bamboo, we decided that it should be planted in deserted areas or well maintained farms that control its growth. That way, the bamboo would have enough space to grow, reproduce, as well as continue serving its purpose to the environment.



Arbor uses bamboo-based fabrics as the principal material in our apparel line.

THE BENEFITS OF USING **BAMBOO**

ECOLOGICAL

- +Incredibly Renewable
- +Fastest Growing Plant
- +Highest Per Acre Yields
- +Rapidly Self Propagates
- +Sustainably Cultivated
- +Zero Pesticides/Fertilizers
- +Minimal Land Footprint
- +Low Impact Harvesting
- +No Irrigation Required

PERFORMANCE

- +Amazingly Soft
- +Highly Breathable
- +Exceptionally Comfortable
- +Protects Against UV Rays
- +Wicks Moisture from Skin
- +Naturally Anti-Microbial*
- +Resists Odor Retention*
- +Prevents Skin Irritation*
- +Faster Drying*

*BIOCHEMICAL L PRODUCE BAMBOO AND BAMB BAMBOO INFUSED FABRICS ONLY

