

## Green House Report

For my house I choose to make it out of bamboo. I picked bamboo because it's cool, but also because it's a very strong and sturdy building material. Some bamboo houses in Japan lasted up to two hundred years! Wow!

This house would probably be made near tropical forests in a tropical climate, because bamboo grows there and grows very quickly and quite large. This house would also be built there because it's using natural resources from the same area, witch will also reduce the transportation cost.

My house would meet my needs because it provides me shelter which includes protection from the elements, comfort, and warmth. This house will also provide me a place to put all my valuables like clothes, food, and my personal things. My family would also live here to keep me company so I won't get lonely. It would also give me a place to prepare meals.

What makes this house "green" is that it has big windows so I won't waste electricity or gas to heat it. The sun's heat can shine through the windows and then the heat will get trapped and keep the house warm. Also this house is made from natural resources like bamboo. I chose to make a thatched roof because it's a good insulator and a natural resource that is grown nearby. Finally, my house is green because both bamboo and the grass can grow well there in that climate.

In my research I found out that bamboo, like other trees, absorbs CO2 and then releases oxygen for us humans to breathe in. In addition bamboo is becoming very popular for building homes, because bamboo has a natural covering of silica which makes it more durable. After that I discovered that a bamboo house can take on tornados and hurricanes if the house was well built. I also learned that bamboo can grow up to three feet in one day. Finally, I learned that bamboo shoots can be eaten.