



## Greetings, I am from the planet Nerdibaitia

Meet the nerdibaits, the first aliens to visit earth and make contact with humans. They wish to meet with us, learn, and eat our peanut butter, but as they orbit in their ships waiting to beam down, there is one huge problem that must be overcome.

The nerdibait homeworld, Nerdibaitia, is an extremely hot planet:



Its average temperature is about 150 degrees Celsius, but to nerdibaits, this is normal, so even on a hot day on Earth, nerdibaits would freeze to death.

Your task is to build custom protection for the nerdibaits so that they can safely visit earth. Keep in mind that:

- Whatever you make must be completely self-contained (sealed) otherwise the heat inside will escape.
- It should allow the nerdibaits to be mobile, so they can move around and see the sights.

You may either DRAW your creation, or ACTUALLY BUILD it. Ask the teacher for any materials you may need, and check the text and internet for ideas. Whatever you do, you must provide a WRITTEN EXPLANATION for how your creation will work to protect the nerdibaits.

Good Luck!