



Tacoma Middle School

By: Katelyn, LauraLye, Devon, and Ronin.

Tacoma Middle School is the best school to go to because of three main reasons :

1. It has a underwater science lab
2. The natural environment
3. Its green ideas .



It is shaped like a paw print of a tiger from a bird's eye view because of the four domes so our mascot is the tiger.

Tacoma Middle School uses bamboo for the walls and floors.

- ▣ It grows faster than trees and is stronger than trees.
- ▣ Can be used as a building material for things such as counters in the kitchen and other things
- ▣ A bamboo garden will be part



Passive Lighting saves electricity and money.

The buildings are made mostly of glass which allows light to come through. Small triangular shapes of glass are braced with bamboo to create four dome-shaped buildings—a main building and three annexes.

The central part of the annexes have light tubes to help reflect light into the classrooms. A natural commons area is located inside the light tubes which would give students a place to go and relax.

Dome-shaped buildings



Our passive lighting will save energy but when we need electricity, it will come from hydroelectricity which is an energy that causes very little pollution.

Rice cement!

Husks from rice can be used to create “rice cement”. It is mixed in with cement materials and causes less pollution. It is strong enough to make our parking lots and driveways.

Safety and Accessibility

- ▣ Two exits in each of the annexes and five in the main building
- ▣ Escalators instead of stairs to assist those who have difficulty walking. (And when the power goes out, they will be just stairs!)
- ▣ Elevators and ramps
- ▣ Shatter-proof glass

Unique classrooms

Many electives which includes 3 shops: auto shop, wood shop and metal shop

Underwater dome which is located in a man-made lake that is filled by a local underground spring gives students the opportunity to study marine life.

Unique classes

When school is not in session, the community can use the swimming pool and exercise room. Very few middle schools, if any, has a swimming pool and swimming is a fun form of PE.

The bamboo gardens and the green house are not only open to the community but also help students learn about different plants. (The bamboo can also be used for building materials.)

Conclusion

The school is the best school for 3 reasons .

One, It has an awesome under water science lab.

*Two, it's made of domes which a lot of people say that
they feel safer in than a box .*

Three, the school has a lot of green ideas.

Process and group work

We began by wanting to build our school in a Japanese Maple tree. We figured out very quickly that it wouldn't work because there wouldn't be enough room for the amount of students that will be going to our school. We tried to find different ways to do it. That's when we decided on domes. It was the same shape as a tree.



Process and group work



We had many struggles. Each of us had great ideas, but we didn't always agree. It was hard work sometimes to work through the problems.



Process and group work

One thing we learned is that we couldn't do it alone. We had to do this as a team.



Tacoma Middle School is the best school for students!

1. It has many unique classes such as the underwater science lab.
2. It is made of domes which studies have said makes people feel safer.
3. It has lots of green ideas like passive lighting and a natural commons for students.

When we finished, we realized this is a school we would like to go to:

Devon likes the math classes;

Ronin likes the pools;

Katelyn likes the natural commons and passive lighting; and

Lauralye likes the bamboo garden.