Blandy Farm educational center should be built at...

By: Student from Frederick County Middle School
The history of Blandy Experimental Farm

- Blandy Farm is and Experimental Farm
- The Tuleyries bought Blandy farm in 1860

- The plantation was managed to provide resources for the landowner, his family, his slaves, and other workers.

- There were acres of green pasture and miles of stone fencing that contain cows, sheep, pigs, horses, wheat and many fruits.

- The Tuleyries owned 55 slaves and many animals
- In the Chesapeake Bay watershed
Blandy Farm is very important as it holds many historical buildings and events.

Blandy also gives kids good learning experiences.

Blandy Farm helps us understand Nature, how things grow, and how the environment works, along with animals like macroinvertebrates.

Another reason is Blandy Farm is important is because it's very pretty.
The importance of Blandy Farms health is very crucial! The water and lakes at Blandy are very important as they contain macroinvertebrates! There are many things that come into mind when taking care of the water's health. Like the Turbidity, pH level, temperature, dissolved oxygen level, nitrates, and phosphates all must be healthy! This is because not all macroinvertebrates can handle dirty water. There are 3 groups of macroinvertebrates.

- Macroinvertebrates are sensitive to different chemical and physical conditions. If there is a change in the water quality, perhaps because of a pollutant entering the water, or a change in the flow downstream of a dam, then the macroinvertebrate community may also change.
There's a lot of history when it comes to Blandy Farm.

When you think about building the education center you have to think about the historical events in every location, weathering effects, and easy access. There are 6 options where the education center could go—

- Bus parking, Greenhouse, Lake Georgette, Chestnut Grove, Event Field, Peetwood Pavilion

(Pro's and con's seen on next slide)
Pro’s and Con’s

- Bus parking: **Pro** - Flat area no trees in the way
  **Con** - No other area to park buses
- Green house: **Pro** - Already falling down
  **Con** - Tearing down trees
- Lake Georgette: **Pro** - Easy water access
  **Con** - Water pollution from the building
- Chestnut Grove: **Pro** - None
  **Con** - To pretty and tearing down trees, no water or electricity
- Event field: **Pro** - Open area, easy access to electricity
  **Con** - No other place to hold events
- Peetwood Pavillion: **Pro** - Open area, not being used for anything else
  **Con** - Wetland
They used to hold the classes in the old apple packing house which can only hold about 30 people.

But they need more space.

And when the weather is rainy or bad they can't fit everyone in the packing house... and you can't just stand in the rain.

To learn well you need a good learning environment.

I strongly agree with an education center.
I think they should put the Educational building where the greenhouse is!

Reasons why I think they should put it there:
- Already falling down
- Easy water, and electricity access
- They are going to tear it down anyway
- In the middle of all the buildings
- Easy access to roads

Overall, I think the Education center is a really great idea! Depending on where they build it, they are gonna really do some great things with the building.
Thank you for watching

CREDITS TO GOOGLE

- google images