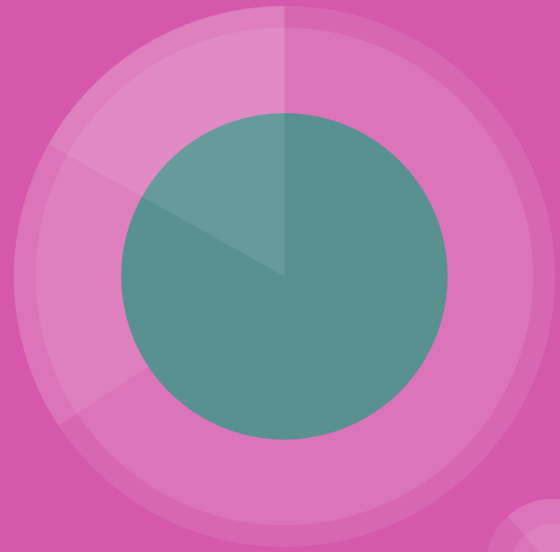


Cardboard House

By: Mrs.Owsley's 703 Class
Whitesburg Middle School





Introduction

You might find yourself asking, how do we even begin to build a cardboard house. Well, it is a very difficult process. Everyone has put so much effort into their cardboard house construction. The teachers also played a huge role in helping us with our houses. Also, we are all very thankful for the leaders/helpers of this wonderful program.

The process

Each one of Mrs.Owsley's 703 class has done an amazing job with their cardboard house. As you can see, the example provided is somewhat like our cardboard houses.



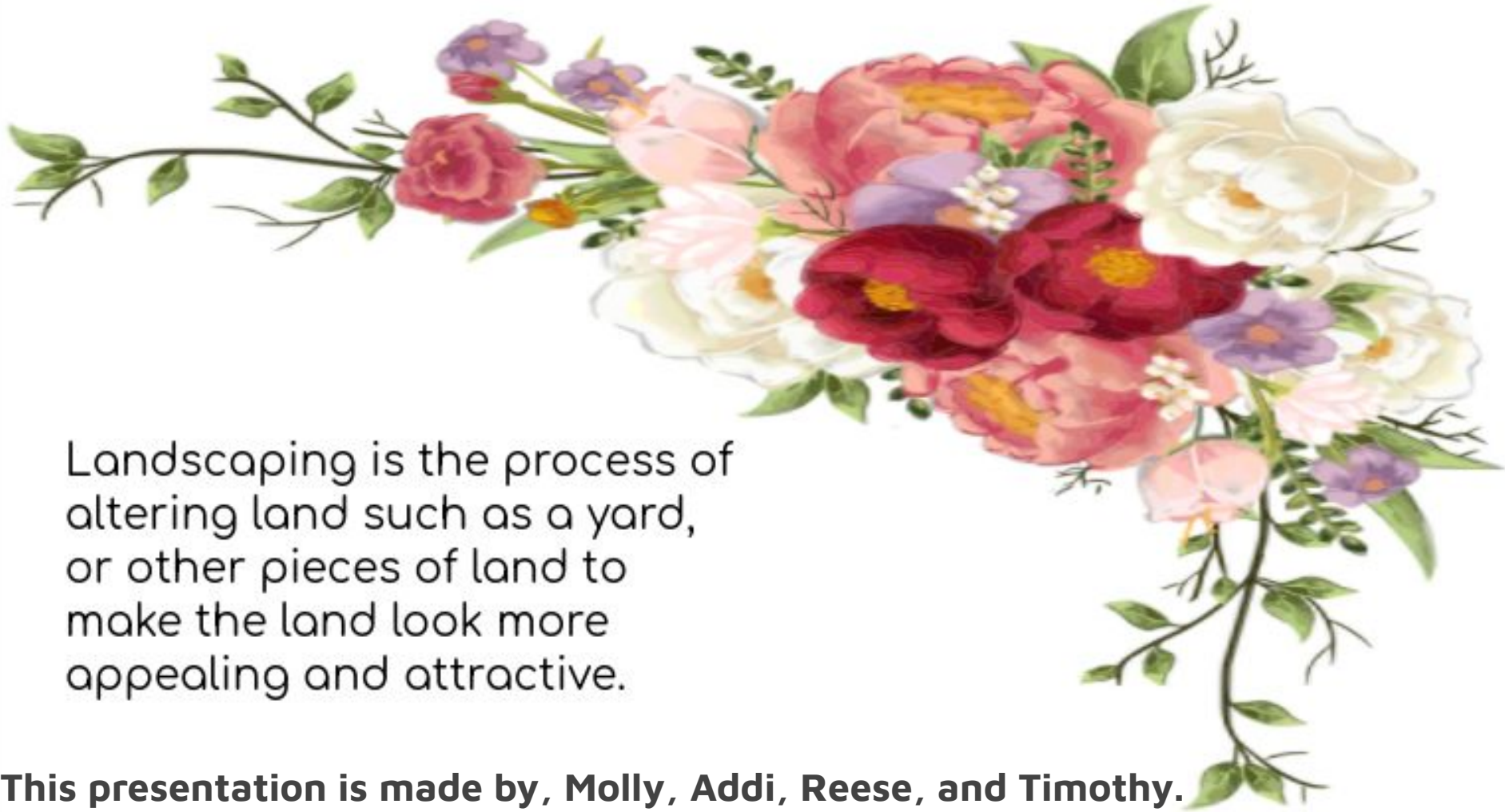
The inside of insulation. **This is made by Kaden, Cambridge, Aubrey, and Dylan.**

Aluminum foil is made out of aluminum metal. Metal attracts heat but yet stays equally cold which is good for the house, that is why aluminum is a good fit for the house. The felt that is inside the house which is what I believe wool. Wool can keep the cold air in and keep the outside temperature out. The brown paper is made out of wood pulp. The wood pulp is not that thin but when you make it into a paper it gets even more thinner. We believed that if we put that paper in the house it would not have that big of an effect on the measurement rule and also, it allows some of the air to get across but not out of the house, if that makes sense. Tape is made of plastic film and it is clear. The clear helped some heat enter the house but not all heat, if we put all the heat in it would not be good to live in. The plastic film of the tape helped keep the inside and outside temperature stay apart and still helped some temperature enter and some go out of the house. That is the inside of the insulation that helped keep the house at the ideal temperature.

This is made my Luke, Autumn, and Jayden.

LIGHTING

We got the our lighting in our house to work by a close circuit , with an LED light and a watch battery. This light helps our house by , supplying light , allowing us to see at night , The light also gives off heat when the house gets to a cool temperature.



Landscaping is the process of altering land such as a yard, or other pieces of land to make the land look more appealing and attractive.

This presentation is made by, Molly, Addi, Reese, and Timothy.



**This presentation was made by,
Samuel, Hayden, Heidi, and Dominic.**

Construction explanation

Step By Step Order:

Windows, Insulation, Roof, Painting, interior design, lighting

This presentation is created by, Alli, Nate, and Ivy.



The decision of figuring out what appliance we were going to use was a very difficult decision to make but in the end was a very excellent choice. Our group decided that our "Appliance of Choice" was the Oven because, it adds a realistic home aura to our cardboard house. We also chose the oven because, it was a well known appliance that was used among the houses that were made for this project, and gave our house some type of a kitchen appliance. Our house also includes more appliances such as a chair, piano, couch, food cart, TV, and a dog house that is located on the far left on the outside of the house!



What we have learned:

During the process of building our cardboard houses, we have learned so much. We have learned many of ways to save energy not only in our house but in real life. For example, some ways you can save energy in your house is, solar panels, not using as much electricity, not using much water, and just simply opening the blinds to let natural light in.



Experiments on our house:

We have also had to do experiment on our cardboard houses. For example, we had to test out how well our insulation is. We had to put a cup of ice in our house and see how far it dropped within 10-20 minutes. If the house was well insulated, you should have had a temperature drop of 7-13 degrees.



Teamwork:

As many of us know, nothing would work without teamwork. The cardboard house project is a perfect example of using teamwork. Each team member of each group has put so much work and effort into finishing and building our house.



Lighting

During the process of our cardboard house construction, the lighting might have been the hardest part. Yes, we all got a guidance packet but, it was very difficult to get it to work. Many people would call this a "Bloopers" which is correct but I take it as a learning experience. However, we all got the hang of putting together the light and had such a fun time.



Details to our house:

Throughout this whole process, we had to pay attention to details. For example, many of the cardboard houses has been decorated beautifully. However, its not just aesthetics you needed to work on, you needed to work on making everything correct (Following the energy guide). Therefore, everyone has followed the energy guide and has done such a great job conveying the energy guide on their house.



Closing slide:

In conclusion, all of these slides convey what we were asked to do. Not only was this an amazing learning experience but, everyone had a great time.



Thank you for your time! We hope you love it!

**-Mrs Owsley's 703 class
(Group leaders: Presley and Aubrey)**