

MY REPORT ON INTERDISCIPLINARY PROJECT

I started by picking the subject of my interdisciplinary project, I've taken into consideration many topics however I've decided to pick the question "Why isn't the Earth's surface flat?" because it seemed very interesting to me. I personally find it amusing that the Earth is so different in every place in the world. There are mountains, hills and valleys but also places where the surface is completely flat.

Firstly, I had to get information about the forming of the dynamic landscape and its perpetually changing features. When I first searched on the Internet many articles appeared on my page. I was happy because it seemed like it was going to be easy to find some intriguing information. Unfortunately, I was so wrong because the subject I picked turned out to be way harder than expected.

After quite some time I was starting to get to a satisfactory amount of information, so the time I spent over books and my laptop was finally worth the trouble.

When I have already done my research and made some notes based on it I could begin to work on my presentation. I started by making an introduction slide with my main question and goal on it. Then I judged that it would be proper to try and give the primary information needed throughout the first 3 slides and that's what I've done.

I really enjoyed making all the slides, picking out the images so that they are the most suitable and also knowing the progress I'm making with every slide as well as seeing myself as I gained knowledge throughout me preparing the presentation.

In the fourth and fifth slides I intended to consider the processes by which mountains form and the types of mountains which depend on the formation process.

Then I began to start answering the main question of the presentation by bringing up the theory of the geomorphic cycle which explains the concept of the Earth's surface changing but also mountains, rivers, and valleys of all kinds evaluating. This theory was made by William Morris Davis between 1886 and 1911. William M. D. was a geographer, geologist, geomorphologist, and meteorologist, he was well-known in America at the time of his coming up with the theory.

The concept of the theory:

- * it's a cycle of events that leads to the formation of any terrain development
- * it tries to tell us how terrains are developed across landscapes
- * explains the evolution of many different structures like mountains or valleys as well as rivers
- * describes the process of erosion and deposition
- * the life cycle of the landscape has stages, the main ones are: youthful, maturity and old age

Next, I started to finish up the presentation, I made a few touch-ups like putting some more images and changing the fonts. I also prepared the bibliography.

The final product:

I've decided to make a 3D map as the final product of my interdisciplinary project. I used the information I had on the geomorphic cycle and I tried to present the life cycle of a mountain in the form of a map. According to the theory it has about 4 stages so I had to make four constructions in the correct order.

I was a little bit scared it would be extremely complicated and rough, however I was also very motivated to do it because I knew I would get an enormous sense of satisfaction once I was finished.

The process of making the map was not as easy as I expected. While preparing for it I thought about what to make the mountains of so they look good and realistic. I have made the choice to select styrofoam so it would be unchallenging to shape into the needed landscape form. Unfortunately, I underestimated the complexity of this part of the project, it appeared to be way more time-consuming and I had to put a lot of effort into making it as good as possible.

Stages of planning:

NOVEMBER	In November I started thinking about the school subject I want to do the project about. I picked geography because I had great ideas for the topic. Then I consulted with my geography teacher and asked for an opinion on my thesis. The last thing I did this month is that I started to think about how my project is going to look like so that I have a picture in mind.
DECEMBER AND JANUARY	These two months I was collecting information (mostly in January). I have done a lot of extensive research and made notes.
FEBRUARY	In February I finally started making my presentation, writing the report, and making my final product. As I was close to the deadline and had to work under pressure it had me very motivated throughout making the project.

Recapitulation:

As my conclusion, I plan to commence by mentioning the two questions I placed on the first slide of my presentation which are:

“Why isn't the Earth's surface flat?”

“Was there a time that it was flat?”

There can be no denying that the answer to my first question is the whole process of forming the dynamic landscape itself however the second question presented a greater degree of complexity.

While making this project I discovered many new information and facts about the dynamic landscape and as I researched I found out that my second question could not be ideally answered. I had many troubles searching for an answer that was considered to be 100% correct. What made it even harder is that on the internet there was an incredible amount of articles on it, with each of them giving me different information.

However what I have found is that many geologists have been trying to answer this question themselves, and they have come to the conclusion that "it might have been possible that the Earth was smooth" (with no mountains or valleys), but it is unfortunately not sure.

The dynamic landscape-forming process started over 4 billion years ago, and that's why responding to this query poses a significant challenge. According to certain scientists' theories, there was a time when the Earth was a perfect sphere however to others it is not possible to tell.

My perception of this subject is quite complicated however I also think that the geomorphic cycle might have been an influence on that subject.

The influence I believe it could have had is that the mountain undergoes a cycle in its life that includes having a completely flat surface during one of the stages. If all mountains initiated and concluded their cycles simultaneously, it is possible there was a period when the Earth's surface was perfectly smooth.

Even though I wouldn't consider making this interdisciplinary project as easy I definitely found great enjoyment while creating it.

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