

How to Construct a Ski & Snowboard Mountain

By: Kayla



Good Ski Resorts In NJ, PA, & NY

Between the 2 sixth grade classes in from Sandyston-Walpack Consolidated School, 10 total people voted. 9 people voted for Ski Big Bear and 1 person voted for Mountain Creek. The people who voted were people who ski or snowboard. (The people voted for the following resorts, Shawnee Mountain Ski Area, Mountain Creek, Hunter Mountain and Ski Big Bear at Masthope Mountain)

Shawnee Mountain Ski Area

Location: East Stroudsburg, PA Rating: 4.3 (1,364 people voted)

Mountain Creek

Location: Vernon, NJ Rating: 4.2 (2,936 people voted)

Hunter Mountain

Location: Hunter, NY Rating: 4.4 (2,118 people)

Ski Big Bear at Masthope Mountain

Location: Lackawaxen, PA Rating: 4.5 (209 people voted)

Introduction: About Me

Hi my name is Kayla. I'm actually a skier myself. That is why I decided to research how to construct a ski and snowboard mountain. If this is saved I could possibly use this information in the future and build a ski resort. Today in this presentation you will learn how to make the mountain that you would ski & snowboard on. Enjoy!

Information I Found.

In my research I have found that it can take many years to make a ski & snowboard resort. On the website <https://blueprint.cbre.com/building-a-ski-resort-from-scratch/>. So if I were to actually build a ski resort I think I would definitely wait until I'm older so I can finish my education and gather more knowledge.

I also found that you need to clear the area, but you have to make certain twists and turns so some trails are easier for the comfort of different people. To find the level of you trial see the key on the slide below.

What is the Level of This Trail?



**Green
Circle**

Easier Trails



**Blue
Square**

More
Difficult Trails



**Black
Diamond**

Most
Difficult Trails



**Double
Black
Diamond**

Extremely
Difficult Trails

Now that we have covered this information let's get on with the presentation.

Step One

The first step to making a ski and snowboard mountain is clearing the mountain of trees, large rocks, bushes, etc. And you need to clear it so you can make different level trails. For example, have a trail combination like blue square, a green circle, and a black diamond. You would have to clear the trails not just going straight down the hill, but going across the hill and you can go straight down the hill, but it can only really be so long so the skier's don't tire out to quickly and crash and hurt themselves. But, make it long enough to teach the skier's to turn. It's like Goldilocks and The Three Bears, not too hot not too cold just right (except with a ski mountain).

Building A Ski Resort From Scratch

A website I used to find information is called *Building a Ski Resort From Scratch*. On this website it describes how long it would take to build an entire ski resort. The website also explains how to cut the trees and make the ski trails.

Here is the link to get to the website:
<https://blueprint.cbre.com/building-a-ski-resort-from-scratch/>

SKI SLOPES IN CONSTRUCTION

All though this video is short it shows one important thing in making a ski resort; putting snow on the ski slopes. In the video it shows a Snow Cat flattening/smoothing or in skiing terms grooming the snow. The dump truck is putting on the trail.

To watch the video click on the link:
<https://www.youtube.com/watch?v=XxFph2f-4UI>

Wachusett Mountain Winch Grooming

All though the video is short and doesn't have anyone explaining what the Snow Cat is doing, it is informational. In the video it shows how the people who groom the mountain would groom it.

Here is the link to reach the video:

<https://www.youtube.com/watch?v=M3ZVwI5R5Y0>

Thank You!

I would like to thank you for listening to my presentation. I hope that you have learned something and get something out of it. I would like to thank Mrs. Wesighan for giving me time to do the project.

