**What causes Montserrat’s volcanic activity?**

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1. Study the map below that shows Montserrat and the plate margins. The image comes from Appalachian State University (<http://www.appstate.edu/~abbottrn/vlcns/sfrir.html>)



1. Label the diagram above using these phrases, which have been jumbled:

*Behind the subduction zone is a chain of volcanoes.*

*The Caribbean plate is crushing into the North American plate*

*The Caribbean plate is moving eastwards*

*The North American plate is being subducted beneath the Caribbean plate.*

*The North American plate is moving westwards*

*There are many volcanic islands in the Caribbean.*

*This is an island arc*

*This is the subduction zone*

*This is where two plates collide*

*This of the earth’s crust is lighter and so it ‘floats’ on a denser crust beneath*

*This part of the earth’s crust is heavier and gets dragged under the other*