|  |  |
| --- | --- |
| M | * M Stands for Mountains
* Mountains create a natural ‘curtain’ blocking wind and rain
 |
| Mountains*Block Precipitation* | Macintosh HD:private:var:folders:pf:c9sfpqw16p96dfdrt6hjd80c0000gn:T:TemporaryItems:imgres.jpg |

1. Why would one side of a mountain be dry and another side have rain?

|  |  |
| --- | --- |
| E | * E Stands for Elevation
* The higher the landform the colder
* Even places on the Equator can have snow if they are tall enough

Ex: Mt Kilimanjaro in Africa |
| Elevation*Mt. Kilimanjaro* |  http://i0.wp.com/www.greenglobaltravel.com/wp-content/uploads/mount-kilimanjaro.jpg |

2. How is it possible to have snow near the Equator?

|  |  |
| --- | --- |
| L | * L stands for Latitude
* The closer you are the equator, the warmer your temperature
* Latitude Zones: Tropic, Temperate, Arctic
 |
| Latitude*Latitude Zones* | Macintosh HD:private:var:folders:pf:c9sfpqw16p96dfdrt6hjd80c0000gn:T:TemporaryItems:imgres.jpg |

3. What lines of Latitude divide your latitude zones?

|  |  |
| --- | --- |
| C | * C Stands for Continental
* The further away from an ocean, the more extreme the temperatures
* Interior locations are much colder
 |
| Continental*Great Plains* |  Macintosh HD:private:var:folders:pf:c9sfpqw16p96dfdrt6hjd80c0000gn:T:TemporaryItems:Map_of_the_Great_Plains.png |

4. Why do the Great Plains have such extreme weather?

|  |  |
| --- | --- |
| O | * O is Ocean Currents
* The Oceans keep coastal areas much more temperate
* Less extreme temperature changes due to warm ocean currents
 |
| Ocean Currents*Keep areas Temperate* | Macintosh HD:private:var:folders:pf:c9sfpqw16p96dfdrt6hjd80c0000gn:T:TemporaryItems:US058VMET-GIFwxg.OTIS.glbl_sst.gif |

5. Explain why the Gulf coast has a mild seasonal changes.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_\_\_\_\_\_

MELCO Factors of Climate

|  |  |
| --- | --- |
| M | * M Stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Mountains create a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_blocking \_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. |
| E | * E Stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Even places on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_can have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_if they are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ex:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in Africa2.  |
| L | * L stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The closer you are the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: Tropic, Temperate, Arctic

3.  |
| C | * C Stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_away from an\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are much \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.  |
| O | * O is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The Oceans keep coastal areas much more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_temperature changes due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.  |