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| 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?

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| 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?

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| 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?

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| 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?

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| 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

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| 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 Africa  2. |
| 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. |