Miocene Timeline Cards – Part B

Miocene Epoch Begins	**Antarctica Separates from Australia and South America**	**The N. American tectonic plate pushes material up as it collides with the Pacific plate, creating the St. Elias Mountains**
Surveyor Channel submarine fan forms distributing sediments fron onshore Alaska to deep waters in the Gulf of Alaska	**African plate collides with Europe**	**Pliocene Epoch begins**

Miocene Timeline Cards – Part B

Tidewater glaciers form in the St. Elias Mountains	**North America and South America join at Panama allowing migration of animals.**	**Arctic ice cap forms**
Pleistocene Epoch begins. A period of global cooling begins	**Glaciers start to advance in the N. Hemisphere; North Cordilleran ice sheet advances over S. Alaska and Pacific Northwest**	**Glacial Erosion on land in S. Alaska becomes more intense**

Miocene Timeline Cards – Part B

Hominids use stone tools	**Uplift of Chugach and St. Elias Mountains in Alasks increases**	**Beginning of Menapian glacial period**
End of Menapian glacial period	**Beginning of Pre-Ilonian glacial period**	**End of Pre-Ilonian glacial period**

Miocene Timeline Cards – Part B

Hominids use fire	**Beginning of Ilonian glacial period. Laurentide ice sheet covers 85% of Illinois**	**Homo Sapiens appears**
End of Illonian glacial period	**Beginning of Wisconsin glacial period, the most recent advance of N. American glaciers**	**Last Glacial Maximum begins – ice sheets are at their thickest and sea levels at their lowest**

Miocene Timeline Cards – Part B

Sea level begins to rise as ice sheets and glaciers begin to melt	**End of Wisconsin glacial period**	**Holocene Epoch begins. Beginning of current interglacial period.**
Beginning of agriculture	**Sea level reaches modern-day levels**	**Beginning of "Little Ice Age," crop failures, famine are widespread**