

# Geologic Time

Eon	Era	Period	Epoch	m.y.		
Phanerozoic	Cenozoic	Quaternary	Holocene	1.5		
			Pleistocene			
		Neogene	Pliocene	23		
			Miocene			
		Paleogene	Oligocene	65		
			Eocene			
	Paleocene					
	Mesozoic	Cretaceous	250			
		Jurassic				
		Triassic				
	Paleozoic	Permian	Carboniferous	540		
					Pennsylvanian	
		Devonian	Mississippian			
			Silurian			
		Ordovician	Cambrian			
		Precambrian	Proterozoic		Archean	Hadean
3800						
4600						

# Geologic Time Eras

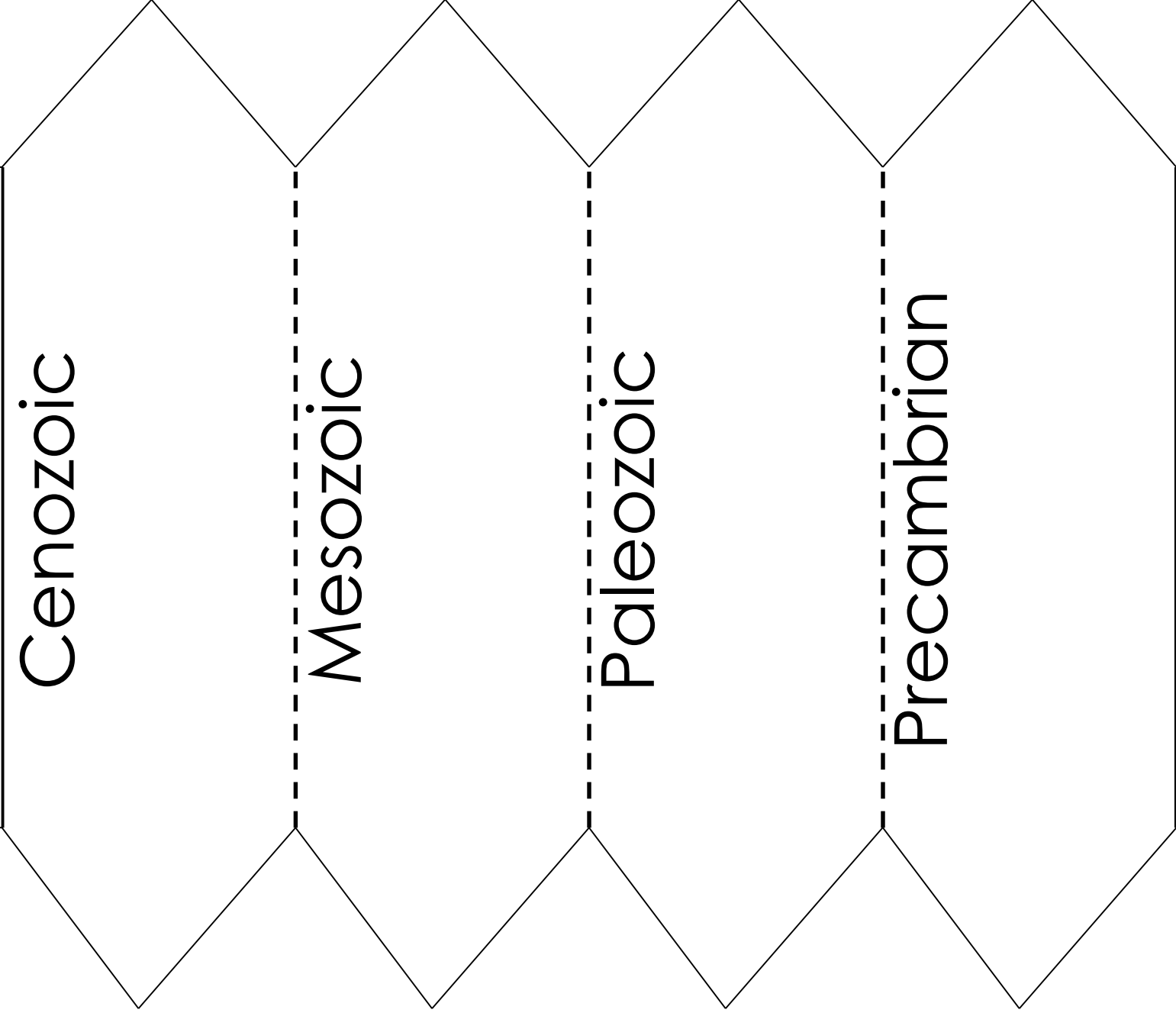
Geologic Time Eras

Cenozoic

Mesozoic

Paleozoic

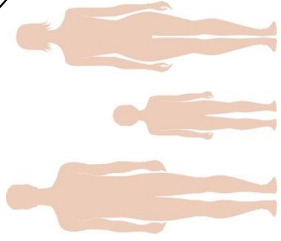
Precambrian



# Geologic Time Eras Key

## Geologic Time Eras

### Cenozoic



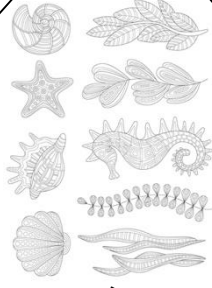
- Current era
- Development of large mammals and humans
- Periods of ice ages played a role in the formation of the geological features visible on Earth today

### Mesozoic



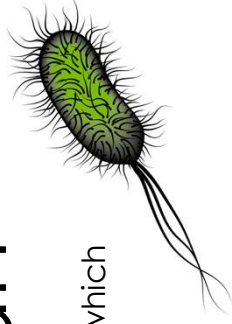
- Increased complex life forms including dinosaurs, small mammals, birds conifers and flowering plants
- Rocks in the petrified forest in AZ deposited during this time
- Mass extinction at the end of the era

### Paleozoic



- Formation of the super-continent Pangaea
- Life developed rapidly including marine plants, invertebrates, fish, ferns, amphibians
- Mass extinction at the end of the era

### Precambrian



- Marks the beginning of Earth at 4.6 b.y.
- Oldest rock fragment found called zircon which is 4.4 b.y. old
- One celled organism, bacteria, jellyfish