A Brief History of the Earth - Note Taking

Name:

is an important skil it is a time-consumuseful examples; w	presentations, video II. Although it is pos ning process. By ta re call these <i>Key Un</i> ynthesize the inforn ng <i>transformation</i> .	ssible to replay king notes you derstandings. (many forms of leave with a su One you have tl	media with t ummary of t he key unde	oday's technology he main ideas anc rstandings you car
_	the multimedia pre that complete the l	•		, watch and	listen for words
· Beliefs, ideas, a	nd predictions are	called		·	
· Scientists must	provide	to supp	ort their hypo	theses.	
•	theory	y is a popular h	ypothesis of t	the formati	on of the
	, occurring ap	proximately _		year	rs ago.
· A popular hypot	hesis of the formo	ation of the ea	th is called _		·
Scientists	believe the earth (was formed ap	proximately_		_years ago.
_	ng and changing fo he earth is called		•		
		_organisms app	eared toward	the end of	this period.
· The next signifi	cant time period f	or the earth b	rought an "exp	plosion of li	fe," and is called
the	, lasting fro	om approximat	elyto	million ye	ars ago. During
this era th	ere were ma	jor periods, ea	ch ending with	n a significa	nt climatic
change tha	t caused a mass ex	ctinction of ma	ny species of	life.	
• Durin	g thep	eriod tempera	tures started	off a	nd gradually
grew	warmer, making t	he	a good place	for life to e	emerge, but the
land	was barren	with no lif	e on it. The h	uge explosio	on of life forms
durir	ng this period were	e mainly	, cred	atures with	out a backbone.
A pa	rticularly plentiful	species of thi	s period was c	alled a	
The	only form of plant	life was simple	·		

	• The	_period saw mo	re variety	of life in the	sea, such as					
	mollusks, sponges, c	orals, and primi	tive fish wi	th	(vertebr	rates).				
	The first true plant	s began to eme	rge as	alor	ng shorelines.	Fungi				
	and algae combined	and algae combined to form that grew on the rocks along								
	shorelines. Lichens	are able to bre	ak down roo	ck into fine p	oarticles which	١,				
	when combined with	plant matter, o	creates	·						
	 Most of the world's I 	arge land masse	es were con	nected durir	ig this period i	into a				
	supercontinent that	scientists call		·						
	 During the next two 	periods, the		and	pe	eriods,				
	plant and animal life	continued to e	volve and be	ecome more	complex, and i	n the				
		_ period early o	amphibians	began to live	more on land	than				
	in the water. These	e creatures wou	ld eventuall	y evolve into)					
	Giant	were unique	e to this tin	ne period.						
	· As temperatures con	itinued to rise, i	into the		$_$ period, the c	:limate				
	became drier and		_struggled	d to survive.	A new species	s				
	called	emerged; p	oart	, part	t	·				
	This period ended w	ith the greates	st mass ext	inction of lif	e the world ho	ıs ever				
	seen, with% o	f all life being w	viped out. A	All life on ea	rth today is a					
	descendant of the	% that surv	ived.							
The	era, appro	eximately	to	million ye	.ars ago began	with				
	temperatures much higher	than ever befo	ore. All of	the major la	ndmasses were	e now				
connected to form the supercontinent During the				pe	zriod					
	the pelycosaurs that surv	ived the mass e	xtinction of	the Permia	1 period began	ı to				
	evolve into reptiles called		_; these we	re not dinos	aurs, but they					
	evolved into the dinosaurs	that ruled the		and	pe	eriods.				
	Scientists believe the Me	sozoic era ende	d when a mo	assive	C	ollided				
	with the earth, resulting i	n the mass exti	nction of th	ne large rept	iles; they calle	ed this				
	the event.									

Beginning approximately million years ago Earth entered the era.
The first period of this era, called the period, began much warmer and
wetter than today's climate, with most of the world being or
The previous supercontinents were beginning to split apart and as ocean currents
began to change the climate began cooling. By the end of the first period much of
the tropical rainforest had been replace with open and as
the climate continued to get
• The period brought big changes to the planet. As the climate continued to
get cooler and more grasslands opened up animals had to or face extinction. A
significant event that is believed to have shaped human history is the collision of tectonic
plates between and, creating the world's largest and highest
mountain range, the This mountain range, along with others, changed
global climate patterns that eventually led to conditions that allowed some species of life
to thrive, while others became extinct. Our search for early humans begins million
years ago in Africa where the conditions were just right for our early ancestors to survive.