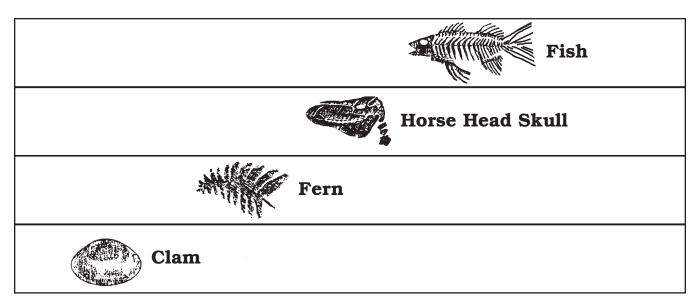
VIDEO ACTIVITY SHEET

UNIT 1

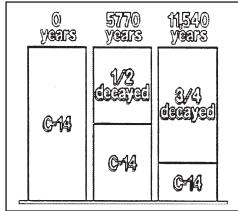
1. W	Why is it so unusual to find internal organs with fossils?
2. H	Iow can scientists tell the age of fossils?

UNIT 2

3. Using the RELATIVE DATING method, which of these fossils would be the oldest? Which would be the most recent?



4. RADIOACTIVE DATING - Using this chart measuring the decay of Carbon-14, determine the age of a fossil that has 1/4 of its carbon-14 left.



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UNIT 3

5. What parts of your body are shaped like parts of another animal?
6. What organs in our bodies perform NO FUNCTION but are SIMILAR to organs that do serve a purpose in other animals?

UNIT 4

7. How old is the earth?

50 million years? 100 million years? several billion years?

8. How many eras are shown on this time scale?

GEOLOGICAL TIME SCALE

Era	Years Before Present Time	Changes in Plant and Animal Life
Pre- Cambrian	4,600,000,000	
Paleozoic	570,000,000	
Mesozoic	225,000,000	
Cenozoic	65,000,000	

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UNIT 5		
10. ADAPTATION - List animals that blend into their	environment.	
11. Which lizard offspring have the best chance to su a) Light colored b) Dark colored	urvive in the dese	rt?
12. Why is hibernation important for the survival of b	pears?	
Name	Class	Date

BIOLOGY CONCEPTS — Evidence of Evolution

PROGRAM 10 EXAMINATION

For each statement or question, select the word or expression that best completes the statement or answers the question.

me		Class	Date	
ne people feel that at do you think?	the study of evo	lution is similar	to the study of history.	
THOUGHT QUESTION:				
(a) tar pits (b) sec	dimentary rock	(c) amber or resin		
The study of the deve (a) histology	lopment of plants ar (b) astronomy	nd animals is called: (c) zoology	(d) embryology.	
A major characteristic (a) muscularation	e of organisms that ((b) adaptation	enables them to surv (c) shedding	rive is: (d) pronation.	
0	•	(b) vasculartissue		
An example of a long ge (a) second	eological time is: (b) light year	(c) nano-second	(d) era.	
The human coccyx is (a) vital organ	an example of a: (b) male structure	(c) vestigial organ	(d) a mutation.	
A theory of evolution (a) Charles Darwin	was proposed by: (b) IsaacAsimov	(c) Richard Harris	(d) Albert Einstein.	
Paleontologists study (a) stars	: (b) animals	(c) fossils	(d) plants.	
A substance which ca (a) hydrogen	nn be used to date fo (b) carbon-14	ossils is: (c) carbon-12	(d) phosphorous.	
The remains of organical (a) fossils	isms that lived in th (b) genes	e past are called: (c) amber	(d) rock.	
	(a) fossils A substance which cae (a) hydrogen Paleontologists study (a) stars A theory of evolution (a) Charles Darwin The human coccyx is (a) vital organ An example of a long get (a) second Organisms inherit their (a) genes and chromo (c) fossils A major characteristic (a) muscularation The study of the deve (a) histology Fossils are often foun (a) tar pits (b) sec (d) all responses are often OUGHT QUESTION: The people feel that at do you think?	(a) fossils (b) genes A substance which can be used to date for (a) hydrogen (b) carbon-14 Paleontologists study: (a) stars (b) animals A theory of evolution was proposed by: (a) Charles Darwin (b) IsaacAsimov The human coccyx is an example of a: (a) vital organ (b) male structure an example of a long geological time is: (a) second (b) light year Organisms inherit their traits by means of: (a) genes and chromosomes (c) fossils (d) antibiotics. A major characteristic of organisms that of (a) muscularation (b) adaptation The study of the development of plants ar (a) histology (b) astronomy Fossils are often found in: (a) tar pits (b) sedimentary rock (d) all responses are correct. OUGHT QUESTION: me people feel that the study of evolution at do you think?	A substance which can be used to date fossils is: (a) hydrogen (b) carbon-14 (c) carbon-12 Paleontologists study: (a) stars (b) animals (c) fossils A theory of evolution was proposed by: (a) Charles Darwin (b) IsaacAsimov (c) Richard Harris The human coccyx is an example of a: (a) vital organ (b) male structure (c) vestigial organ An example of a long geological time is: (a) second (b) light year (c) nano-second Organisms inherit their traits by means of: (a) genes and chromosomes (b) vasculartissue (c) fossils (d) antibiotics. A major characteristic of organisms that enables them to surve (a) muscularation (b) adaptation (c) shedding The study of the development of plants and animals is called: (a) histology (b) astronomy (c) zoology Fossils are often found in: (a) tar pits (b) sedimentary rock (c) amber or resin (d) all responses are correct. OUGHT QUESTION: me people feel that the study of evolution is similar at do you think?	