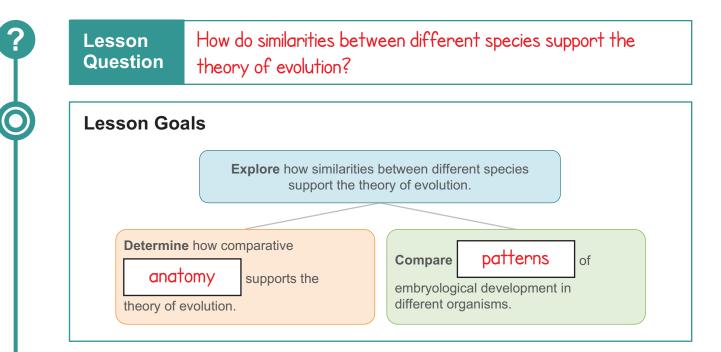


### Warm-Up

**Evidence for Evolution** 



#### Words to Know

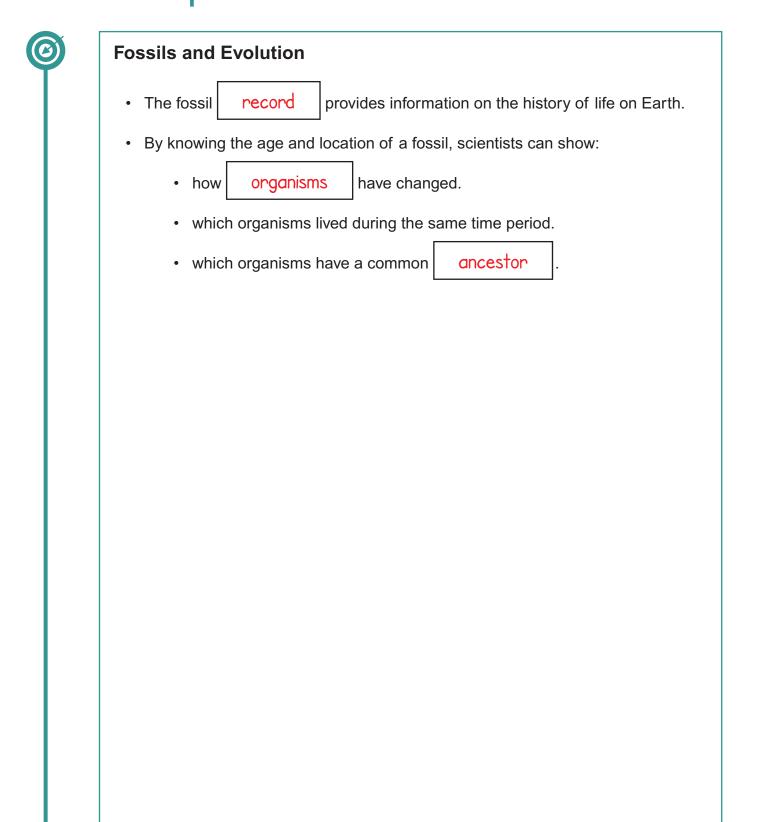
Fill in this table as you work through the lesson. You may also use the glossary to help you.

embryo	a fertilized egg that is attached to the uterine wall
homologous structure	a similar body part found in two different species that provides evidence of a common ancestor
comparative anatomy	the branch of science that looks at and compares the structures of different organisms
vestigial structure	a structure that has evolved to no longer be used by an organism
analogous structure	a structure found in two different species that has the same function but evolved differently
embryology	the study of the development of an embryo

W 2K



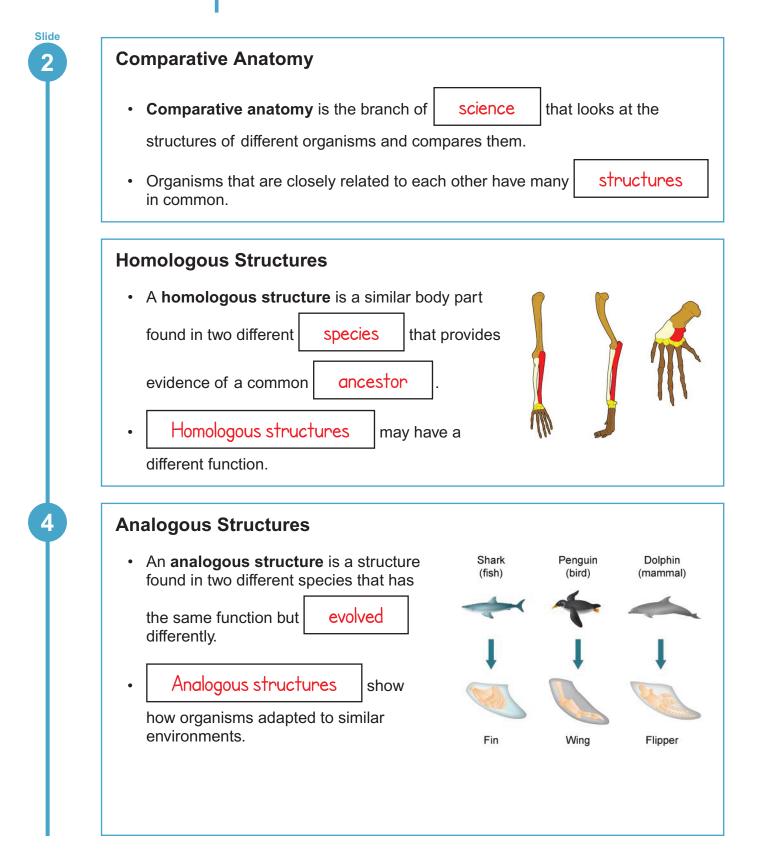
# Warm-Up Evidence for Evolution





#### Instruction

#### Evidence for Evolution



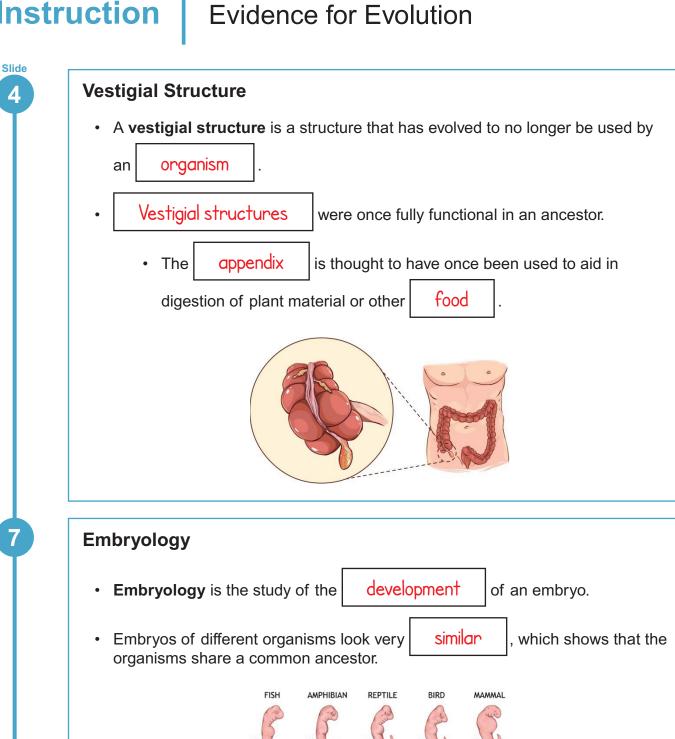
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## Instruction





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#### Instruction

#### **Evidence for Evolution**

disappear

Sli	de	
7		Embryology
		Certain traits appear in early embryos, but may organism is fully developed.
		• Gill slits
		• Tail
		Circle the gill slits in the fish and human embryos.
		Fish Reptile
		3
		Bird Human

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#### Summary

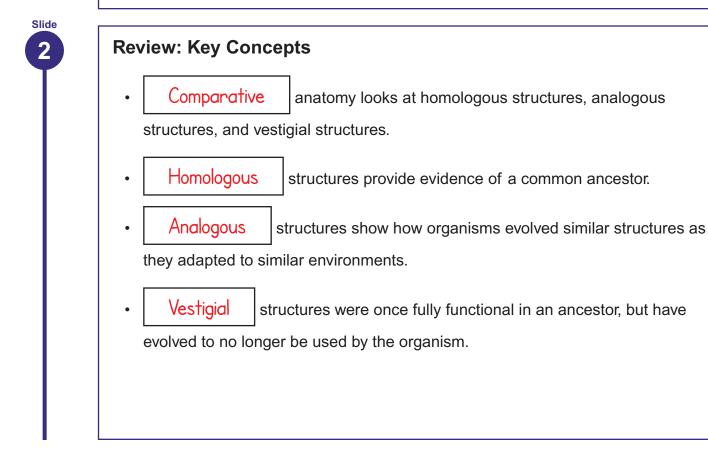
#### **Evidence for Evolution**



Lesson Question How do similarities between different species support the theory of evolution?

#### Answer

(Sample answer) Similarities between different species support the theory of evolution by showing how organisms share a common ancestor by using embryology, which is the study of the development of an embryo.





## Summary

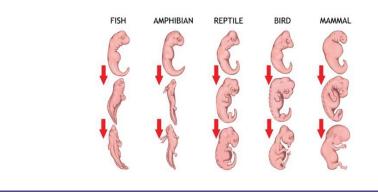
#### **Evidence for Evolution**



#### **Review: Key Concepts**

- Embryology helps scientists determine which organisms are related.
- Embryos of different organisms look very similar, which shows that the

organisms share a common ancestor.



Use this space to write any questions or thoughts about this lesson.