**Guided Notes: Walking and Swimming Whales**

common ancestor organisms

Fossils

Paleontologists

phylogenetic tree

anatomical structures common ancestor

anatomical structures

Differences

Pakicetus ancestor

similar common ancestor

**Guided Notes: Are Dinosaurs Still With Us?**

Evolution

fossil record

Natural selection

heritable traits

accumulation, disappearance

Advantageous

Archeopteryx

feather coverings

**Guided Notes: Understanding Human Evolution**

Primates

Hominids

Hominins

bipedal

common ancestor

Evolution

Australopithecus

Anatomical

**Guided Notes: Are Whales and Hippos Related?**

common ancestor

diverge

Evolution

vestigial structure

anatomical structures fossil record

fossil record

hind legs

hand

**Guided Notes: Evolution of the Horse**

evolve

Paleontologists

ancestor

transitional fossil

hands

Electronic

**Guided Notes: Comparing Vertebrate Embryos**

vertebrate

embryo

Evolution

common ancestor

linear relationship

nonlinear relationship

linear

nonlinear

**Guided Notes: Stages of Development**

embryo

vertebrate

ancestor

gill slits tails

common

gill slits tail

diverge