<http://evolution.berkeley.edu/evosite/evo101/IIntro.shtml>

1. What is the definition and explanation of evolution?
2. What gave rise to the diversity of life found on Earth?
3. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIHistory.shtml>

1. What are the central ideas of evolution?
2. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIAFamilytree.shtml>

1. How do evolutionary paths diverge?
2. What is phylogeny?
3. Is phylogeny a fact?
4. What does a phylogeny tree illustrate?
5. How are phylogeny trees divided?
6. Click on the tree and explore the different clades.
7. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIBPhylogenies.shtml>

1. What does the root of the tree represent?
2. How is a lineage split represented?
3. What do phylogenies trace?
4. What is a common ancestor?
5. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIBPhylogeniesp2.shtml>

1. What is a clade?
2. How many species are included on a clade?
3. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIB2Notladders.shtml>

1. How is Aristotle’s Great Chain of Being different from a phylogeny?
2. Do phylogenies imply that some species are more advanced than others?
3. What are mosses in relation to other plants?
4. What three things are important to keep in mind when reading a phylogeny?
5. What are some misconceptions about humans?
6. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IICTreebuilding.shtml>

1. How do biologists reconstruct the family histories of species in nature?
2. How do biologists build a phylogenetic tree?
3. What are characters?
4. How is a vertebrate phylogeny constructed?
5. What is a shared character?
6. Hit “next topic” or click on link below

<http://evolution.berkeley.edu/evosite/evo101/IIC1Homologies.shtml>

1. What is a homologous character?
2. Give an example.
3. Are birds and bats more closely related than they are to mice and crocodile? Explain.
4. What are analogous characters?
5. Analogies are a result of what?
6. From where did birds and bats inherit wings?
7. Hit “next topic” or click on link below

When finished, define the following by going to the top of the page and clicking on them:
Microevolution
Macroevolution
Speciation