

Electron Transport Chain Handout

As you work your way through the electron transport chain interactive activity and video, answer the following questions to help you collect the relevant information.

1. What is the electron transport chain (ETC)?
2. What are the complexes found in the ETC? What are the two mobile carriers that are also involved in the ETC?
3. According to the video, explain the steps that are involved in producing ATP.

4. The oxygen gas that animals breathe in is necessary to drive the electron transport chain and generate ATP, but it also undergoes a chemical reaction to produce a particular product.

a) What is the product?

b) How might this be of benefit to desert animals?