**Chapter 3 “The Biosphere”**

**3.3 “Energy Flow in Ecosystems”**

**Study Guide**

1) Define **food chain.**

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2) Define **food web.**

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3) Describe the relationship between a **food chain** and **food web**.

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4) Describe the relationship and importance of **decomposers** and **detritivores** in an **ecosystem**.

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5) Describe what the figure represents on pg. 64.

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6) Define **trophic level**.

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7) Describe **ecological pyramids**.

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8) What is the average % of energy transferred from one level to another? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9) What happens to the rest of the energy?

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10) Define **biomass.**

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