

Topics & resource outline - Unit 2 (Diet, Nutrition & Digestion)

Unless otherwise indicated, "Reading" refers to text chapters.

EOC Review = materials from the end of each chapter

MC = multiple choice questions from "Testing Your Knowledge"

DCE = "Describing, Comparing, and Explaining"

TAS = "Thinking as a Scientist"

STS = "Science, Technology, and Society"

Note that, for many sections, the text presents more detail than you are required to know. Judge the level required by information presented in lecture and in the study guide.

| Topic | Reading (text & other) | EOC Review | CD/Web Activities |
|--|---------------------------|--|--|
| Overview and Epidemiology | None | None | Calculate BMI using link from home page; take the Portion Distortion quiz |
| Biological Chemistry & Metabolism | | | |
| Macromolecules | 3.4 -3.9, 3.11-3.17, 3.20 | MC 1, 4, 5 DCE 1-4 TAS 1, 3 STS | CD Activity 3E (pp. 1 & 5), 3F, 3G, 3H, 3J CD Chapter Quiz (3): 14, 16, 21-26, 29, 31, 33, 34, 37, 44-46, 51 |
| Degradation, synthesis, and enzymes | 3.3, 5.6, 5.7 | DCE (Ch. 5) STS (Ch. 5) | CD Activity 3C (illustrates synthesis, degradation, and enzyme action; look at the role of shape) CD Chapter Quiz (5): 12, 13 |
| Energy and cellular respiration | 6.2, 6.8, 6.16 | MC 1, 6 DCE 1, 3 STS | CD Activity6A CD Chapter Quiz (6): 9, 28-30, 41, 42, 44, 45, 47 |

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| Diet, Nutrition & Digestion | | | |
|--|---------------------------------|--|---|
| Nutritional needs | 21.13-21.18 | MC (Ch. 21) 2,3 | CD Chapter Quiz (21): 38, 42, 44-47, 48 (not directly covered in class, but important to know) |
| Structure and function of the digestive system | 21.2, 21.4-21.8, 21.1, 21.11 | MC (Ch. 21) 1 DCE TAS #2 (Ch. 21) STS (Ch. 21) | CD Activity 21A (goes into more detail than you need, but still a good review) CD Chapter Quiz (21): 4, 7, 8, 10-12, 18-25, 29, 30, 36 |