

Grade 7 Quarter 3 Review

These Key Concepts can be found at the beginning of each section in your textbook.

LIFE SCIENCE

Key Concepts

1. [What are cells? Chapter 1.1 – page\(s\) 6-9](#)
2. [What is the cell theory? Chapter 1.1 – page\(s\) 10-11](#)
3. [What role do the cell wall and cell membrane play in the cell? Chapter 1.2 – page\(s\) 16-17](#)
4. [What are the functions of cell organelles? Chapter 1.2 – page\(s\) 18-22](#)
5. [How are cells organized in many-celled organisms? Chapter 1.2 – page\(s\) 23-24](#)
6. [How do most small molecules cross the cell membrane? Chapter 1.4 – page\(s\) 32-34](#)
7. [Why is osmosis important to cells? Chapter 1.4 – page\(s\) 34-35](#)
8. [How does the sun supply living things with the energy they need? Chapter 2.1 – page\(s\) 44-45](#)
9. [What happens during the process of photosynthesis? Chapter 2.1 – page\(s\) 46-48](#)
10. [What events occur during respiration? Chapter 2.2 – page\(s\) 49-51](#)
11. [What were the results of Mendel’s experiments, or crosses? Chapter 3.1 – page\(s\) 76-78](#)
12. [What controls the inheritance of traits in organisms? Chapter 3.1 – page\(s\) 79-81](#)

Vocabulary

cell	selectively permeable	photosynthesis	heredity
cell theory	diffusion	autotroph	trait
organelle	osmosis	heterotroph	genetics
cell wall	passive transport	pigment	fertilization
cell membrane	active transport	chlorophyll	purebred
nucleus		respiration	gene
cytoplasm			alleles
mitochondria			dominant allele
chloroplast			recessive allele
vacuole			hybrid

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