**Zahrat Al-Sahra’a International School**

**Academic Year 2018-2019**

**Subject : Science /** B**iology Date : 08 / 11 / 2018**

**Lessons included: Chapter test # 1/Term 1**

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| **Grades** | **Chapter test # 1 /20** |
| ***Grade 7*** | **Science** The lessons  included for grade 7:  Physics:  Unit 1, Lesson 1: Motion and speed.  Unit 1, Lesson 2: Acceleration.  **Biology:**  Unit 1, Lesson 4: The digestive and excretory systems.  Unit 2, Lesson 3:t Nutrition and fitness.  **Chemistry:**  Unit 1, Lesson 3: Physical and chemical changes. |
| ***Grade 8*** | **Biology:**  Unit 2 lesson 1: Archaea , Bacteria and Viruses  Unit 2 lesson 2 : Protists and Fungi  **Physics:**  Unit 2 lesson 2 : Kinetic and potential energy  **Chemistry :**  Unit 2 lesson 3 : Thermal energy and heat |
| ***Grade 9*** | **Biology**  2.4: Chemical Reactions.( plus page 54)  3.1: Cell theory.  3.2: Cell Organelles.  3.3: Cell membrane.  3.4: Diffusion and osmosis.  3.5: Active transport, Endocytosis, and Exocytosis. |
| ***Grade 10*** | **Biology**  **Chapter 30: Respiratory and Circulatory Systems**  Lesson 30.5: Blood  Lesson 30.6: Lymphatic System    **Chapter 29: Nervous and Endocrine Systems**  Lesson 29.1: How Organs Systems Communicate  Lesson 29.2: Neurons  Lesson 29.3: Senses |
| ***Grade 11*** | **Biology**  **Chapter 21: Plant Structure and Function**  Lesson 21.3: Roots and Stems  Lesson 21.4: Leaves  **Chapter 22: Plant Growth, Reproduction, and Response**  Lesson 22.1: Plant Life Cycles  Lesson 22.2: Reproduction of Flowering Plants  Lesson 22.3: Seed Dispersal and Germination |
| ***Grade 12*** | **Biology**  **Chapter 9: Frontiers of Biotechnology**  Lesson 9.5: Genomics and Bioinformatics  Lesson 9.6: Genetic Screening and Gene Therapy  **Chapter 27: Animal Behavior**  Lesson 27.1: Adaptive Value of Behavior  Lesson 27.2: Instinct and Learning  Lesson 27.3: Evolution of Behavior  Lesson 27.4: Social behavior |