**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 VirusesUnit 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: BloodLesson 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 StemsLesson 21.4: Leaves **Chapter 22: Plant Growth, Reproduction, and Response**Lesson 22.1: Plant Life CyclesLesson 22.2: Reproduction of Flowering PlantsLesson 22.3: Seed Dispersal and Germination |
| ***Grade 12*** | **Biology****Chapter 9: Frontiers of Biotechnology**Lesson 9.5: Genomics and BioinformaticsLesson 9.6: Genetic Screening and Gene Therapy**Chapter 27: Animal Behavior**Lesson 27.1: Adaptive Value of BehaviorLesson 27.2: Instinct and LearningLesson 27.3: Evolution of Behavior Lesson 27.4: Social behavior |