April 2016 Lesson Plan at a Glance

Gemma Y. Bognot-Clarke, Ph. D. MS Physical Science Grade

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|  | **April 2016** | | | | |  |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  |  |  |  |  | 1  School Close  Spring Break | 2 |
| 3 | 4  School Close  Spring Break | 5  **Chapter 1 Motion**  Review:   * Motion * Speed/   Velocity   * Acceleration | 6  Chapter 1   * Demo on Robotics * Practice:   Calibration of Vernier Apparatus | 7 & 8 (double periods)  Chapter 1   * Lab: Force - using Vernier Apparatus   **Chapter 2 Forces**   * Friction and Gravity | | 9 |
| 10 | 11  **Chapter 2 Forces**  Lesson 3  Newton’s 1st Law of Motion | 12  Lesson 3  Newton’s 2nd Law of Motion | 13  Lesson 3  Newton’s 3rd Law of Motion | 14  Lesson 4   * Momentum * Lab: Force | 15  Lesson 5  Free Fall and Circular Motion | 16 |
| 17 | 18  **Chapter 3 Work & Machines**  Lesson 1: Work and Power | 19  Lesson 2: Understanding Machine | 20  Lesson 3 Inclines Planes and Lever | 21  Lesson 4  Putting Machine Together | 22  Lab: | 23 |
| 24 | 25  **Chapter 4** Lesson 1& 2  Energy & Forms of Energy | 26  Lesson 3  Energy transformation and conservation | 27  **Chapter 5** Lesson 1  Temperature: Thermal energy & heat | 28  Lesson 2  The Transfer of Heat | 29  Lesson 3  Thermal Properties | 30 |

May-June 2016

Gemma Y. Bognot-Clarke, Ph. Lesson Plan at a Glance

MS Physical Science Grade 7 Book 3 Sounds and Light

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|  | **May - June 2016** | | | | |  |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| 1 | 2  **Chapter 1** Characteristics of waves  **Lesson 1**  What are waves? | 3  **Lesson 2**  Properties of waves | 4  **Lesson 3**  Interactions of waves | 5  Lab: | 6  Review and Assessment | 7 |
| 8 | 9  **Chapter 2**  Sound  **Lesson 1**  The nature of Sound | 10  **Lesson 2**  Properties of Sound | 11  **Lesson 3**  Music | 12  **Lesson 4**  Hearing Sound | 13  **Lesson 5**  Using sound | 14 |
| 15 | 16  Lab | 17  Review and Assessment | 18  **Chapter 3**  Overview of Electro-magnetic wave | 19  **Lesson 1**  The nature of Electro-magnetic wave | 20  **Lesson 2**  Waves of Electro-magnetic Spectrum | 21 |
| 22 | 23  **Lesson 3**  Wireless Communica-tion | 24  Cont.  Wireless Communica-tion | 25  Lab | 26  Review and Assessment | 27  **Chapter 4** Lights | 28 |
| 29 | 30  **Lesson 1**  Lights and Color | 31  **Lesson 2**  Reflection & Mirror | 1  How lights and color replicates on a mirror | 2  **Lesson 3**  Reflection and Lenses | 3  Cont. Reflection and Lenses | 4 |
| 5 | 6  **Lesson 4**  Seeing light | 7  cont.  Seeing light | 8  Project presentation | 9  Project presentation | 10  Review and Assessment | 11 |
| 12 | 13  Review for Final Exam | 14  Review for Final Exam | 15  Exam Date  Part 1 | 16  Exam Date  Part 1 | 17  Early Dismissal  Video: | 18 |
| 19 | 20  Video: |  | | | | |