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 CloseSpring Break | 2  |
| 3  | 4 School CloseSpring 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 3Newton’s 1st Law of Motion | 12 Lesson 3Newton’s 2nd Law of Motion | 13Lesson 3Newton’s 3rd Law of Motion | 14Lesson 4* Momentum
* Lab: Force
 | 15 Lesson 5Free 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 | 21Lesson 4Putting Machine Together | 22Lab: | 23  |
| 24  | 25 **Chapter 4** Lesson 1& 2Energy & Forms of Energy | 26Lesson 3Energy transformation and conservation | 27 **Chapter 5** Lesson 1Temperature: Thermal energy & heat | 28 Lesson 2The Transfer of Heat | 29Lesson 3Thermal Properties | 30  |

 May-June 2016

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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 | 1How lights and color replicates on a mirror | 2**Lesson 3**Reflection and Lenses | 3Cont. Reflection and Lenses | 4 |
| 5 | 6**Lesson 4**Seeing light | 7cont. Seeing light | 8Project presentation | 9Project presentation | 10Review and Assessment | 11 |
| 12 | 13Review for Final Exam | 14Review for Final Exam | 15Exam DatePart 1 | 16Exam DatePart 1 | 17Early DismissalVideo: | 18 |
| 19 | 20Video: |  |