Study Guide for

Grade 7

Science Test Quarter 4

Subject: Science

Date of Exam: **09/04/2019**

Duration of Exam: 40 Minutes

You are expected to study from:

- **Sound and Light textbook**

1. Textbook lessons

Textbook: Sound and Light

Chapters	Topic	Pages
Chapter 1	Lesson 1: What are waves	4 - 9
Chapter 1	Lesson 2: Properties of waves	10-14
Chapter 1	Lesson 3: Interactions of waves	16 - 23

2.Vocabulary

Textbook: Sound and Light

Lesson 1 What are waves?	**Lesson 2 Properties of waves**	**Lesson 3 Interactions of waves**
• Wave • Energy • Medium • Mechanical wave • Vibrations • Transverse waves • Crest • Trough • Longitudinal wave • Compression • Rarefaction	• Amplitude • Wavelength • Frequency • Herts • Speed	• Reflection • Refraction • Diffraction • Interference • Constructive interference • Destructive interference • Standing wave • Node • Antinode • Resonance

3.Quizzes:

Title	Section
Quiz – What are waves?	Lesson 1

4.Project/Lab Activity

Title	Detail
Save electricity	You are expected to know basic facts about saving electricity that you researched about during your project activities

5.Refer to class notebook and google classroom for the following documents

- All 3 lesson notes
- All 3 lesson classwork questions
- All homework research questions
- All textbook assess your understanding questions

6.Types of questions to be expected on the exam

- Multiple choice
- Project question
- Definition
- Differentiate between two concepts
- Short answer question
- Critical thinking Question
- Analytical question
- Open minded question

4. Students should bring

- Pencil
- **Color pencils**
- Pen blue or black only
- Eraser/corrector
- Ruler