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| **Learning Resource Analysis : Matrix 1 Waves and Energy****Grade 7 Science** |
| **GLCE** | **Information/Knowledge** |
| **Must do** | **Can do** |
| **Expectation****Code** | **Textbook** **O, I** | **Guided Reading** | **Vocabulary** | **Writing in Science** | **Discover Activity** | **Section Assessment\*** | **Review and Reinforce\*** | **Skills Lab** | **Try This Activity** | **Videos***web resources* |
| P.EN.07.31 | O 1.1 | GR 1.1 | Vocabulary Matrix 1 | WS 1.1A*web resource* | DA 1.1 p6 | SA 1.1p10 1-2 all | RR 1.1 | SL 1.2 p16 ***Wavy Motion*** |  | ***Waves: Energy in Motion*** |
| P.EN.07.32 |  |  |  | WS 1.1B p10 | DA 1.2 p11 |  |  |  | BI 1.2***Effect of Medium on Wave Speed****web resource* | ***Properties of Waves*** |
| P.EN.07.33 | O 1.2O 1.4 | GR 1.2GR 1.4 |  | WS 1.4 *web resource* | DA 1.4 p26 | SA 1.2p15 1-2 all | RR 1.2 | SL 1.3 p24-25 |  | ***The Nature of Waves*** |
| P.EN.07.61 | J 3.2 |  |  | WS 3.2 |  |  |  |  |  | ***Nuclear Fusion Joins Atoms*** |
| P.EN.07.62 | I 2.1I 2.2 | GR 2.1GR 2.2 |  | WS 2.1*web resource* | DA 2.1 p36DA 2.2 p42 | SA 2.1 p39 1-3 allSA 2.2p45 1-2 all | RR 2.1RR 2.2 | SL 2.1 p40-41***Heating Earth’s Surface*** | TD 2.1***Absorption of Heat Energy****web resource* | ***Warmth and Light: The Sun and Life on Earth*** |

\*If Guided Reading worksheets are not completed and submitted as quality work, then Section Assessments and Review and Reinforce worksheets become must do work.