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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 1.1  p10 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 1.2  O 1.4 | GR 1.2  GR 1.4 |  | WS 1.4  *web resource* | DA 1.4 p26 | SA 1.2  p15 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 2.1  I 2.2 | GR 2.1  GR 2.2 |  | WS 2.1  *web resource* | DA 2.1 p36  DA 2.2 p42 | SA 2.1  p39 1-3 all  SA 2.2  p45 1-2 all | RR 2.1  RR 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.