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| **Learning Resource Analysis: Matrix 1 Matter and Energy**  **Grade 6 Science** | | | | | | | | | | |
| **GLCE** | **Information/Knowledge**  (see Matrix Completion Flowchart) | | | | | | | | | |
| **Must do** | | | | **Can do** | | | | | |
| **Expectation**  **Code** | **Textbook**  **M** | **Guided Reading** | **Vocabulary** | **Writing in Science** | **Discover Activity** | **Section Assessment\*** | **Review and Reinforce\*** | **Skills Lab** | **Try This Activity** | **Videos**  **and**  **Podcasts**  *web resources* |
| P.EN.06.11 | M 5.1 | GR 5.1 | Vocabulary Matrix 1 | WS 5.1  *web resource* | DA 5.1 p146 | SA 5.1 p150 | RR 5.1 | SL 5.3  p164-65  *Soaring Straws* |  | *How Do Pendulums Work?* |
| P.EN.06.12 |  |  |  |  |  |  |  |  | TA 5.3 p162  *Pendulum Swing* | *Making a Pendulum to Determine KE and PE* |
| P.EN.06.41 | M 5.3  M 6.2 | GR 5.2  GR 5.3 |  | WS 6.2B  *web resource* or  WS 6.2C p187 | DA 5.2 p151 | SA 5.2 p 155  SA5.3 p163 | RR 5.2  RR5.3 |  | TA 6.1 p184  *Feel the Warmth* | *Exploring Energy* |
| P.EN.06.42 | M 5.3 | GR 5.3 GR 6.2 |  | WS 5.2 p155  or  WS 5.3  *web resource* |  | SA 5.3 p163  SA 6.2 p187 | RR 5.3  RR 6.2 |  |  | *A World in Motion: Energy Transformation* |
| P.CM.06.11 | M 6.1  M 6.3 | GR 6 .1  GR 6.3 |  | WS 6.2A  *web resource* | DA 6.1 p176 DA 6.3 p190 | SA 6.1 p181  SA 6.3 p194 | RR 6.1  RR 6.3 |  | *Frosty Balloons* p194 | *Heat and the Changing States of Matter* |
| P.CM.06.12 | M 6.4 | GR 6.4 |  | WS 6.4 p199 | DA 6.4 p195 | SA 6.4 p199 | RR 6.4 |  | TA 6.4 p196  *Shake It Up* | *A World in Motion: Energy Conservation* |