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| **Focus and Review** | Review 3.01 (Forms of energy)  Warm up – Crossword puzzle to review vocabulary (PE/KE/thermal/gravitation/chemical/electrical/nuclear/elastic) |
| **Objective/Goal** | 3.01 |
| **Instructional Presentation** | Notes on Law of Conservation of Energy |
| **Guided Practice** | Worksheet where the instructor walks students through PE/KE (PE = mgh=Fgh and KE = 1/2mv^2) calculations and calculation mechanical energy (ME = KE +PE) |
| **Independent Practice** | Students design an experiment that testing the law of conservation of energy (PE to KE to PE) using the phet energy skate park. Templates on wiki for each group. |
| **Closure/Reflection** | Students need to comment (constructively) on two other groups’ experiment using wikispaces |

Physical Science