

Curriculum Map for Eighth Grade

| QUARTER 1 | Language Arts | Math | Science | Social Studies | Religion |
|---|---------------|------|--|----------------|----------|
| Big Ideas/Topics | | | <ul style="list-style-type: none"> • Types of Energy • Energy Transfer | | |
| AL/Diocesan Standards and Cardinal Newman Standards | | | MS-PS3-1 MS-PS3-2 Cardinal Newman Science Standards are addressed throughout every unit. | | |
| Assignments and Activities; Assessments | | | <ul style="list-style-type: none"> • PhET Energy Skate Park simulation • Build/test trebuchets • Design and construct a potential energy machine • Design and build thermal insulator containers | | |
| Resources and Materials | | | <ul style="list-style-type: none"> • Science Dimensions Module I • Lab supplies • Safety equipment • PhET Simulations • HMH Online | | |