**Vision** - St. Louis Public Schools is the district of choice for families in the St. Louis region that provides a world-class education and is nationally recognized as a leader in student achievement and teacher quality.

**Mission** - We will provide a quality education for all students and enable them to realize their full intellectual potential.

**Fanning Middle School– Weekly Virtual Learning Planner**

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| **Teacher**  | Taysi | **Grade** | 8th | **Subject** | Science |
| **Week of** | November 9-13, 2020 | **Topic/Title** |  Energy Transfer Project; Energy Systems and Thermodynamics |

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| **Lesson/ Topic** | **Lesson Target/Objective**  | **Synchronous/Live Instruction**  | **Asynchronous Playlist**  | **Assessment/Performance Task**  | **Due Date** |
| **Lesson 1 (11-9 and 11-10)** | I can design an investigation to compare the energy transfer of products. | Reminders about rubric for Energy Transfer Product Comparison Project | Students work on their presentations for their project. | Summative: student project | 11-10 |
| **Lesson 2****(11-12 and 11-13)** | I can construct simple Sankey Diagrams for energy exchange.I can interpret United States Energy Diagram for Energy Usage  | Sankey diagrams for national energy uses and notes | Construct simple Sankey diagram; Compare and contrast Sankey diagrams for students’ choice of states | Simple Sankey Diagram; Comparison of Sankey Diagrams for different States | 11-12 |
| **Lesson 3 (11-16 and 11-15)** | I can compare open and closed systems for energy exchange | Closed and open systems1st and 2nd laws of Thermodynamics  | Thermodynamics & Energy Systems Quizlet and Quiz | Quizlet and Quiz |  |