

December



7th & 8th Grade Science

What We Are Learning

7th Grade - Students will investigate methods of thermal energy transfer into and out of systems, including conduction, convection, and radiation and will explore how that relates to kinetic energy.

8th Grade - We will be learning about the stars and galaxies. Students will learn about the life cycles of different-sized stars.



Talk About Learning

7th Grade - For the concept of thermal energy, families can identify examples of conduction, convection, and radiation in the kitchen (for example, when the pan gets hot on the stove that is a form of conduction because there is direct contact between the pan and the heat source). Consider making hot cocoa with your child and discuss how the heat transfers through the preparation of the substance.

8th Grade - Your child is learning exciting things in science, including how stars are born, change, and eventually die, how the Hertzsprung–Russell Diagram helps scientists compare stars, the different shapes of galaxies, and how a star's color gives clues about its temperature and age. At home, you can support these conversations by asking your child simple questions like where stars come from, what type of galaxy the Milky Way is, or why blue stars are hotter than red ones.

Upcoming Events

8th Grade -
12/11/25 - Universe/Stars Test
12/15/25 - Honors Project due

Misc.

Pinkerton tutoring T, W, F at 7:30 am
Penney tutoring M, W, F at 7:30am

