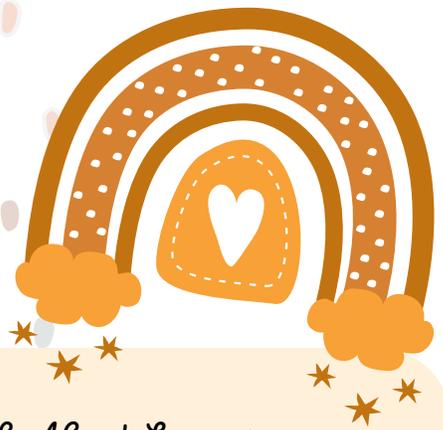


November



Science

What We Are Learning

7th Grade - Students will explore Newton's 1st Law of Inertia which states that an object at rest will stay at rest and an object in motion will stay in motion, unless affected by an outside force. Students will investigate methods of thermal energy transfer into and out of systems, including conduction, convection, and radiation.

8th Grade - Students will compare the characteristics of transverse waves with an emphasis on the electromagnetic spectrum. Students will also explore real world applications of wavelengths in the electromagnetic spectrum and careers in fields utilizing electromagnetic technologies.

Talk About Learning

7th Grade - For the concept of inertia, families can discuss everyday examples of movement at your home and if there are balanced or unbalanced forces acting on the object (for example, when the soccer ball is sitting in the grass it is a balanced force, but when you kick the soccer ball an unbalanced force is applied which causes the ball to move).

For the concept of thermal energy, families can identify examples of conduction, convection, and radiation together 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).

8th Grade - Words to Know

Amplitude	Transverse Waves
Electromagnetic Spectrum	Trough
Frequency	Ultraviolet Sterilization
Wave	Wireless Technology
Wavelength	X-ray
Electromagnetic Wave	
Fiber Optics	
Radiation	
Radiation Therapy	



Upcoming Events

7th Grade

11/14 - Inertia Quick Check
11/21 - Convection, Conduction, and Radiation Quick Check

8th grade:

11/6 - Matter test
11/20 - Waves test

 dates are tentative

Important Reminders

Tutoring is offered at various times throughout the week at 7:30 in the morning. Please contact your child's teacher for more details.

Students have access to IXL for extra practice in Math, Science, Social Studies, and ELAR! They can log in at home through their ClassLink accounts.

