

Middle School

Level of Study	Prior Science TEKS	TEKS Implemented in 2024
Grade 6	<p>-----</p> <p>8.6.A demonstrate and change the speed or direction of an object's motion;</p> <p>-----</p>	<p>6.7.A identify and explain how forces act on objects, including gravity, friction, magnetism, applied forces, and normal forces, using real- world applications;</p> <p>net force on an object in a horizontal or vertical direction using diagrams and determine if the forces are balanced</p> <p>identify simultaneous force pairs that are equal in magnitude and opposite in direction that result from the interactions between objects using</p>
	<p>-----</p> <p>understand that</p>	

High School

Level of Study	Prior Science TEKS	TEKS Implemented in 2024
Integrated Physics and Chemistry (IPC)	<p>IPC.4.D describe and calculate using equipment such as dynamic carts, moving toys, vehicles, and falling</p> <p>IPC.4.G examine electrical force as a universal force between any two charged objects</p>	<p>analyze data to explain in terms of the net on an in one dimension using force diagrams, tables, and graphs;</p> <p>IPC.5.D describe the nature of the four fundamental forces: gravitation; electromagnetic; the strong and weak nuclear forces, including fission and fusion; and mass-energy equivalency;</p>
	<p>law of inertia and the nature of force pairs between objects using methods, including</p> <p>describe and calculate</p>	