



P.FM.05.32 Describe how constant motion is the result of balanced (zero net) forces.			X	X	X	X														
P.FM.05.33 Describe how changes in the motion of objects are caused by a non-zero net (unbalanced) force.			X	X	X	X														
P.FM.05.34 Relate the size of change in motion to the strength of unbalanced forces and the mass of the object.			X	X	X	X														
P.FM.05.41 Explain the motion of an object relative to its point of reference.			X	X	X	X														
P.FM.05.42 Describe the motion of an object in terms of distance, time and direction, as the object moves, and in relationship to other objects.			X	X	X	X														
P.FM.05.43 Illustrate how motion can be measured and represented on a graph.			X	X	X															
L.OL.05.41 Identify the general purpose of selected animal systems (digestive, circulatory, respiratory, skeletal, muscular, nervous, excretory, and reproductive).					X	X														
L.OL.05.42 Explain how animal systems (digestive, circulatory, respiratory, skeletal, muscular, nervous, excretory, and reproductive) work together to perform selected activities.					X	X														
L.HE.05.11 Explain that the traits of an individual are influenced by both the environment and the genetics of the individual.					X	X	X	X	X											
L.HE.05.12 Distinguish between inherited and acquired traits.					X	X	X	X	X											
L.EV.05.11 Explain how behavioral characteristics (adaptation, instinct, learning, habit) of animals help them to survive in their environment.									X	X										
L.EV.05.12 Describe the physical characteristics (traits) of organisms that help them survive in their environment.									X	X	X									
L.EV.05.13 Describe how fossils provide evidence about how living things and environmental conditions have changed.									X	X										
L.EV.05.14 Analyze the relationship of environmental change and catastrophic events (for example: volcanic eruption, floods, asteroid impacts, tsunami) to species extinction.									X	X										
L.EV.05.21 Relate degree of similarity in anatomical features to the classification of contemporary organisms.									X	X										
E.ES.05.61 Demonstrate using a model, seasons as the result of variations in the intensity of sunlight caused by the tilt of the Earth on its axis, and revolution around the sun.														X	X					
E.ES.05.62 Explain how the revolution of the Earth around the sun defines a year.														X	X					
E.ST.05.11 Design a model that describes the position and relationship of the planets and other objects (comets and asteroids) to the sun.														X	X	X				
E.ST.05.21 Describe the motion of planets and moons in terms of rotation on axis and orbits due to gravity.																X	X	X		

