Weeks 32&34 – Physical Science 26Mar-12Apr13

Pasta Structure – 50 classroom points Mr. Stewart

P.12.B.1 – Students know laws of motion can be used to determine the effects of forces on the motion of objects.

Apply Newton’s three laws of motion to physical situations. Describe how the strength of the net force and mass of an object determine the amount of change in an object’s motion – including the force of gravity on objects. Explain how friction affects the motion of objects. Given distance v. time and velocity v time, interpret and predict different types of motion. Identify how an example may illustrate a change and/or redirection of force where the amount of work remains unchanged.