



DU 9: FORCES AND THEIR EFFECTS.

Self-assessment: 1) read the statements, 2) write the date in the column, 3) think, 4) look at the key and fill in the chart.



This is true for me



This is partly true for me



This isn't true for me

DATE			
I can identify the forces involved in everyday life situations and I can relate them to their corresponding effects on the deformation or alteration of the body's state of motion.			
I can recognize forces as vector quantities, identifying module, direction and unit.			
I can distinguish the different types of solids according to their behaviour under the action of forces.			
I can explain Hooke's Law, as well as describe the usefulness of the dynamometer for measuring elastic force and record the results in tables and graphs.			
I know the relationship between a force and its corresponding effect on the alteration of the body's state of motion.			
know the relationship between force and acceleration and can solve simple problems using Newton's second law.			
I can define the unit of force in the SI.			
I can understand the concept of weight, and I can distinguish it from mass, solving simple exercises to calculate the weight of bodies.			
I am able to analyse the effects of friction forces and their influence on the movement of living things and vehicles.			
I know how to apply the concept of balanced forces and I recognize everyday situations in which balance is reached.			
I record observations, data and results in an organized and rigorous manner, with diagrams and tables, and I can communicate them orally and in writing.			
I correctly use the terminology of physics in oral and written activities.			
I can make presentations using ICT			
I work with my classmates cooperatively, and I value and respect all their contributions.			