CP13 Forces and Matter

CP13a Bending and stretching
Explain that more than one force is needed to distort an object.
Describe the difference between elastic and inelastic distortion.
Describe the relationship between force and extension for a spring.
Describe the relationship between force and extension for a rubber band.
Compare the force–extension relationship for different objects.
CP13b Extension and energy transfers
Recall the equation that links force, extension and the spring constant.
Use the formula relating force, extension and spring constant.
Recall that work has to be done to stretch a spring.
Use the formula relating the energy transferred to the extension of a spring.