

Science Grade Descriptors

Topic and AO	1	2	3	4	5	6
Forces	Draw a simple force diagram /2	Identify forces from a force diagram /2	State how surface area affects falling speed /2	Describe the affect of surface area on drag /5	Describe how increasing the weight of a floating object affects the upthrust /3	Explain equilibrium /3
Pressure mathematical skills	Complete simple Pressure calculations /1	Apply knowledge of pressure to simple situations /1	Rearrange the pressure calculation /1	Calculate pressure and identify units /2	Calculate pressure and identify units in an unusual scenario /1	Substitute one answer into another calculation, giving units /3
Working scientifically	Identify equipment with highest spring constant /2	Identify an error and how to correct it /2	Outline observations on equipment during a practical /2	Calculate extension from a diagram /1	Extrapolate data from a graph /2	Describe how to improve accuracy in an experiment /2