

High Tunstall College of Science Curriculum Intent

Subject: Physics Year: 8

Thread 4– Forces



	Physics Thread 4	Progress		
Topic	Key ideas	R	A	G
Forces	Describe forces scientifically			
	Use the word 'resultant' when describing forces.			
	I can calculate work done			
	I can explain what pressure is and how this can be calculated			
	I can explain and calculate turning forces			
	I can explain what happens if you stretch a spring			
	I understand what is shown by distance time graphs			

Lesson	Learning Focus	Assessment	Key Words
1	Can I describe a force and state the resultant?	Describe the effect of forces on cars.	Resultant
2	Which force does more work?	Calculate the amount of work done by forces.	
3	What is painful about pressure?	Apply understanding of pressure to different scenarios	Pressure
4	Which way will the see-saw turn?	Working through a series of questions.	
5	What is Hooke's Law?	Summarise your learning of today in 30 words.	Law
6	What does the distance-time graph show?	Complete an exam question	