

High Tunstall College of Science Curriculum Intent

Subject: Physics Year: 7

Thread 4– Forces



	Physics Thread 4	Progress		
Topic	Key ideas	R	A	G
Forces	I can name some forces and describe their effects			
	I can explain the difference between mass and weight			
	I understand what happens when forces are unbalanced			
	I can describe what friction is and how this can be reduced			
	I am able to calculate speed			

Lesson	Learning Focus	Assessment	Key Words
1	What are forces?	Making progress through four practical tasks.	Force
2	What's the difference between weight and mass?	Calculating weights on different planets	Weight
3	What happens when forces are unbalanced?	What happens in different scenarios?	Unbalanced
4	How can we reduce the friction?	Designing a glider	
5	How do we calculate speed?	Fill in the gaps	