

**Prime Learning Challenge: Can you feel the force?**

<b>Breadth of Study</b>	Week 1. What is a force? What is friction?
Science – Forces – air resistance, water resistance and friction. Gravity – What is gravity and why is Isaac Newton linked to it? DT / Art – Design and make a parachute to explain air resistance.	Week 2. How can we carry out a fair test? What is water resistance?
Literacy – The Man Who Walked Between The Towers by Mordicai Gerstein	Week 3. What is air resistance? How can we carry out a fair test?
ICT: Complete a powerpoint presentation on the advantages and disadvantages of friction.	Week 4. What is gravity? Who is Isaac Newton?
Music / Dance – Create a dance to a given set of music.	
<b>Pre Learning Challenge</b>	Week 5. Can you complete a presentation on the advantages and disadvantages of friction?
What do we already know about forces? Create a fact file about everything you know about forces.	
Planning conference held: 16 <sup>th</sup> February 2018	
<b>WOW/Reflection</b>	
Reflection – Why are forces so important in our lives? WOW – Parachute experiment	