**Week 4**

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| **Mathematics** | **English** | **Science** |
| <https://whiterosemaths.com/homelearning/year-5/>  **Summer Term Week 4: All lessons** | <https://www.talk4writing.com/wp-content/uploads/2020/04/Y5-Unit.pdf>  Complete above work | **Science: Forces**   1. **What is a force?**   Refresh with this: <https://www.bbc.co.uk/bitesize/topics/zn77hyc/articles/zptckqt>  Then watch this: <https://www.bbc.co.uk/bitesize/topics/zvpp34j/articles/zywcrdm>  **Task:** Find someone to play tug a war with. What forces are in place? Think about your feet as well as your hands. Is it easier to win with or without shoes?   1. **What is friction?**   Watch and complete the questions: <https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxqrdxs>  **Task:** You need to figure what makes the best material for a slide. Get a cushion and test out sliding it across at least five different surfaces e.g. tiles, carpet, lino, grass, gravel etc. Which surface did it slide across most easily? Therefore, which one would make the best material for a slide.   1. **What is gravity?**   Watch: <https://www.youtube.com/watch?v=suQDwZcnJdg>  Watch: <https://www.bbc.co.uk/teach/class-clips-video/discovering-the-work-of-sir-isaac-newton/zr4mf4j>  So, gravity pulls us towards the earth and resistance stops us from being sucked into the centre.  **Task:** Have a look around your house. What forces ca you see at work? Point out where you can see gravity and resistance working.  EXTRA: investigate different forces at work – air resistance, water resistance etc. Can you think of a good experiment to test these? Maybe a parachute? |