St Winefride’s Catholic Voluntary Academy

Curriculum Plan for Science

Year Group: 5

Does everything that goes up always come down?

**Key Knowledge and Skills:**

•Know what gravity is and its impact on our lives

•Identify and know the effect of air resistance

•Identify and know the effect of water resistance

•Identify and know the effect of friction

•Explain how levers, pulleys and gears allow a smaller force to have a greater effect

**National Curriculum Requirement:**

***Science Year 5: Pupils should be taught to …***

*•Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object*

*•Identify the effects of air resistance, water resistance and friction, that act between moving surfaces*

*•Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect*

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