

Oswaldtwistle School STEM Long Term Plan

Topic/Learning Pathway	Key Words	Links to previous learning	Links to wider curriculum
<b>AUTUMN 1</b>	Not on curriculum		
<b>AUTUMN 2</b>			
<b>SPRING 1</b>	Perfect cup of tea – Planning  Perfect cup of tea - Recording	Aim, research, design, independently, prediction, hypothesis, risk, hazard, variable, target, summary, progress, safety, data, preference	Maths – recording, measuring, results tables  Science – hypothesis, lab writing, lab safety, diffusion, reaction rates, insulators and conductors.  Food tech – using appliances, taste tests  English – writing for different audiences
<b>SPRING 2</b>	Perfect cup of tea – Evaluating  Paperwork/uploading	Success, failure, improve, change, impact, environment	KS2 and 3 Scientific write up/ working scientifically  Science –lab writing, diffusion, reaction rates, insulators and conductors.
<b>SUMMER 1</b>	Who is the fittest in your class – Planning  Who is the fittest in your class - Recording	Aim, research, design, independently, prediction, hypothesis, risk, hazard, variable, target, summary, progress, safety, data, define, pulse rate, fit, baseline, fitness, measure, repetition	Maths – recording, measuring, results tables  Science – evaluating, lab writing, fitness, health and diet, circulatory system, the heart, gas exchange.  PE – fitness, use of gym equipment
<b>SUMMER 2</b>	Who is the fittest in your class – Evaluating  Paperwork/uploading	Success, failure, improve, change, impact, environment	KS2 and 3 Scientific write up/ working scientifically  Science – evaluating, fitness, health and diet, circulatory system, the heart, gas exchange.