

GREENSIDE FILM FACTORY
Mahara's Maths Revolution - 10 Point Vision!
September 2021

	<p>10 Point Vision English & Maths Matched in Every Way. Raising an equal profile:</p> <ul style="list-style-type: none"> a) Film Immersion Days b) Film Crew Days - 1 per project c) Specialisms & Awards - 1 per project if appropriate d) Profile around Greenside - displays e) Newsletter 	<p>https://youtu.be/ytVneQUA5-c Five Principles of Extraordinary Maths Teacher</p> <ol style="list-style-type: none"> 1. Start with a question 2. Students need time to struggle 3. You are not the answer key 4. Say 'yes' to their ideas (not misconceptions!) 5. Play! ('the highest form of research' - Einstein) <p>https://youtu.be/3icoSeGqQtY How you can be good at Maths and other surprising facts about learning</p>
1	Calculation Policy	<p>Our guiding document A shared common language – used consistently and relentlessly</p>
2	Memory	New Learning & flashbacks - rehearsal, repetition & retrieval
3	Fun in Maths '5 Minute Learning Bank' & Maths Films	<p>Mathletics, TT Rockstars, active learning - '5 minute learning bank' Make Maths concept films /tutorials to support learning at Greenside & home. STEM Ambassadors - students leading learning experiences</p>
4	GDS	<p>How? Evidence? What Learning Experiences are we offering? Deepening the experience for students rather than just giving them harder of the same. NCTEM, White Rose, NRICH resources</p>
5	Logic in Maths	<p>Word Problems - A shared vocabulary & tools for approaching Maths through logic; understanding the language & process/ steps. Accessing Maths and finding a 'way in' to problems - World Ready</p>
6	Presentation of Maths	Perfect & consistent! Supporting logical thinking, organisation & progression
7	Test Ready	Tracking students in their test performance – Year groups & 111
8	The Perfect Balance	<p>Fundamentals & Fluency Arithmetic & Tables Logic, Reasoning and Problem Solving Maths in the Movies, STEM (application) Games & Mathletics Messy Maths</p>
9	Resources Rule!	A range of resources used by all abilities effectively to support concrete > visual > abstract - progression
10	Transition: Nursery, Y1, Y3 and Y5	Meeting the transition challenge