



**St Cuthbert's
Catholic High School**


Live life in all its fullness

Numeracy Improvement Plan

2020 – 2021

Numeracy Across Curriculum

Intent	Implementation	Lead/monitoring	Cost	Milestones	Impact
To support staff and students in curriculum areas where numeracy is evident within curriculum.	After each exam series WNL to go through papers of subjects where numeracy is evident. These subjects are... Science and Geography. Numeracy based questions to be video answered and shared back to relevant CL's who will then share with their staff. Videos will share pedagogy ideas and relevant subjects will be asked to teach using these methods with their lessons.	WNL	Time only	Nov 2020 exams will be released in January 2021.	Students will see numeracy taught consistently across all subject areas and results to be impacted in these areas.
All Cross curricular material to be placed in maths SOL.	When questions are identified, answered and shared with relevant CL's they are then placed within our central maths resources. As maths staff teach these topics from Y7-11 they will be asked to use these questions within lesson where appropriate, emphasising the fact that they are from different subjects.	WNL and dept	Time only	To be added after each exam series. Normally summer series but also Nov 2020.	Students and staff aware where numeracy is used across the curriculum and both students and staff see its wider use.
To keep up to date with changing curriculums to ensure that numeracy is covered in all areas.	Where new curriculums are added to school WNL to be aware and go through their schemes/exam papers to see if numeracy is evident. Examples in 2020-2021 include Construction and Digital IT. Both have been checked by WNL and no numeracy is evident.	WNL	Time only	Ongoing with curriculum changes	New curriculums added to be supported by numeracy if needed.

<p>To give all staff access to Casio calculator to teach with if needed.</p>	<p>Interactive casio calculator to be pushed out onto all desktops that are identical to those the students have been asked to use. WNL to support staff in using this calculator effectively eg. Science using the time button for speed. WNL to liaise with relevant CL on how to use this for their subjects.</p>	<p>WNL/IT team</p>	<p>Free</p>	<p>Ongoing</p>	<p>All staff and students to be proficient in using the calculator.</p>
<p>Great mathematicians' PowerPoints to be created and displayed around school on our big screens.</p>	<p>Details of their influence and discoveries are also added to our Curriculum maps and shared with all students within</p>  <p>Pythagoras Halfterm 1A 2020-20</p> <p>lessons. Here is an example of our first one. We will also promote all the famous mathematicians on our website page and within lessons - https://mathigon.org/timeline. The discoveries of all of these mathematicians are explained and their contribution the how we live today will all be explored.</p>	<p>WNL and dept</p>	<p>Time</p>	<p>New display each HT and to be seen within lessons</p>	<p>Students to appreciate the history and relevance of maths.</p>
<p>To make students aware of careers that require numeracy skills.</p>	<ul style="list-style-type: none"> • Display on the maths corridor identifying careers that require numeracy skills. • Also identified with CM so staff can share with students as they teach. • Although covered in maths lessons the careers and job opportunities shared will cover many cross curricular subjects 	<p>WNL and dept</p>	<p>None</p>	<p>Ongoing</p>	<p>Students to be aware of opportunities that good numeracy skills can bring.</p>

	<p>After bubbles –</p> <ul style="list-style-type: none"> • 1 hour numeracy lesson to continue to be delivered by JHL • Catch-up students to be placed in waves and after school sessions given to those in wave 3. • Mathswatch to continue to take place post covid as intervention for all identified students. 	KMA/2 nd WNL	<p>Each after school session – KMA £35 LSA £10 Food/Treats £5</p> <p>Overall cost depends on how many session occur.</p>		
Year 8 Catch-up programme					
Intent	Implementation	Lead/monitoring	Cost	Milestones	Impact
<p>To improve numeracy skills for all remaining Y8 students identified as needing catch-up support following Y7. (11 students remaining)</p>	<ul style="list-style-type: none"> • Remaining 11 students have completed SATS 2018 arithmetic paper (same as Y7) <p>While in bubbles -</p> <ul style="list-style-type: none"> • Identified students will cover the same topics as Y7 running parallel with curriculum map. JHL and SDY to deliver. This will be delivered through ROL amongst other things. • Mathswatch programme purchased and catch-up students added to the programme. Mathswatch allows staff to set individual work, centred on video. The 11 students and be given individual videos to watch and then matching work to complete at home. • KMA to identify topics and repeat assessments to show progress. These will occur at various times 	<p>KMA/2nd WNL</p> <p>KMA/2nd WNL</p>	<p>Mathswatch £180</p>		<p>Students to complete assessments and to show progress on questions identified following original SATs paper. When topics completed and full progress made students can be removed from catch-up programme.</p>

	<p>throughout the year with the first one taking place in the wb 30th November.</p> <p>After bubbles –</p> <ul style="list-style-type: none">• Identified topics continued to be delivered by classroom teacher.• Mathswatch to continue to take place post covid as intervention for all identified students.	<p>KMA/2nd WNL</p>	.			
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