

OUR LADY IMMACULATE CATHOLIC ACADEMY TRUST



THE GOOD SHEPHERD CATHOLIC PRIMARY SCHOOL

Mathematics ACTION PLAN

2023-2024

## SUBJECT ACTION PLAN

Subject: Mathematics

Subject lead: Charis Jones & Katy Miller

Year: 2023-2024

## CONTEXT

- Maths Team appointed 4 years ago.
- The Good Shepherd Catholic Primary School had their Ofsted in July 2022 – Requires Improvement.

### Strengths:

- Children are engaged and responsive in lessons
- Dedicated and enthusiastic Maths Team
- Children in foundation stage are learning in a Maths rich environment and are developing good early number sense and use number resources confidently.
- All staff are now using NCETM, Pixl (KS2) and GLS resources: overviews, small steps and end of block assessments.
- There is more evidence of problem solving and reasoning across year groups.
- Maths is being taught more consistently across parallel classes.

### Areas for development:

- The CPA approach is not being used consistently across year groups. When learners are struggling, they need to be able to readily access resources to support them with their understanding.
- Small steps and use of NCETM need to be used when planning/delivering lessons. This will ensure there are less gaps and enough time is spent teaching key units of work (i.e. place value, fractions).
- All children accessing problem solving and reasoning embedded during lesson time: identified during learning walks and book scrutiny, particularly evident with low prior attaining pupils.
- Continued Professional Development to further develop staff confidence, subject knowledge, and pedagogy.

TARGET 1- To improve pupils' wellbeing and mathematical confidence (in response to partial school closures).

Member of staff responsible: Maths Lead

Targets	Actions to be taken	By whom	By when	Success criteria	Monitoring
To improve pupils' wellbeing and mathematical confidence.	Mathematical handovers to take place when children move up classes with particular focus on current year 2s moving up to year 3 and current year 5s moving to year 6. Teachers to discuss calculation methods that children have been using, and assess where key groups of children (e.g. PP, SEND) are in terms of mathematical understanding.	Class teacher/ SENCO	July 2023	<ul style="list-style-type: none"> <li>Smooth transition into new classes and school regime</li> </ul>	Monitored by class teachers, Maths lead and Headteacher.
	<p>Lessons in school to be focused on finding fun in Maths. Lessons based around games and activities (low threshold, high ceiling) that will instill a love of maths and build confidence. ( Maths week, News Letter Maths Challenge)</p> <p>Teachers use ongoing assessment of children to identify any gaps and intervene with targeted groups within class accordingly. Put any further interventions in place for those who need it.</p>	Class teacher/ GB/SENCO		<ul style="list-style-type: none"> <li>Excited and engaged children enjoying Maths.</li> <li>Engagement and enjoyment of maths celebrated and shared with parents and wider school community.</li> <li>Child and parent Maths workshop.</li> <li>Data will show effectiveness of interventions/catch up program.</li> </ul>	

TARGET 2- Provide all staff with CPD opportunities to support the embedding of a Teaching for Mastery approach.

Member of staff responsible: Maths Lead

Targets	Actions to be taken	By whom	By when	Success criteria	Monitoring
Provide all staff with CPD opportunities to support the embedding of a Teaching for Mastery approach.	<ul style="list-style-type: none"> <li>Inset day/staff meetings to support staff in using a range of resources and representations to support children across the year groups. Maths leads to choose a few resources each term to focus on that are relevant to the small steps of key concepts.</li> <li>Plan a mastery lesson alongside a mastery specialist. Maths Leads to observe each other. Staff then can be given opportunities to observe Maths leads teach mastery lessons.</li> <li>Staff meeting based around lesson structure including the use of stem sentences and variation of questioning within maths lessons and using intelligent practice. Teachers should also be given a chance to reflect on mastery lessons delivered by mastery leads.</li> </ul>	<p>Maths Lead</p> <p>Mastery specialist - Teachers - Maths leads</p> <p>Mastery specialist - Teachers - Maths leads</p>	July 2023	<p>Ensure the PD is being implemented in classes using monitoring through: Learning walks, book looks, pupil interviews etc.</p> <p>Maths leads to attend 6x ENIGMA and Trust Hub.</p> <p>Training sessions with Mastery specialist</p>	Monitored by Maths Lead, Head teacher.

TARGET 3 - All children make at least expected progress through a mastery approach to teaching and learning.

**Member of staff responsible:** Maths Lead

Targets	Actions to be taken	By whom	By when	Success criteria	Monitoring
All children make at least expected progress through a mastery approach to teaching and learning.	<ul style="list-style-type: none"> <li>All teachers to complete short end of unit assessments that directly informs next teaching points. Teachers will use Pixl and GLS end of unit assessments. Any 'ready-made' assessments can be tailored to the needs of the class.</li> <li>Learning walks have an aspect of mastery focus, which reflect recent CPD (i.e use of CPA or stem sentences). –KS1 observations to include continuous provision.</li> </ul>	<p>All staff</p> <p>Maths Leads</p> <p>All Staff</p>		<ul style="list-style-type: none"> <li>77% of children at ARE at end of KS2 (attainment in line with national average at the end of the year) and 15% will achieve greater depth. Accelerated progress made by children receiving interventions/catch ups evidenced in data. The vast majority (85%) of children will have made at least the expected progress.</li> <li>Create “what I am looking for” learning walk proforma. Share with staff before walk</li> </ul>	

TARGET 4- Review and restructure all Maths policies in line with mastery teaching.

Member of staff responsible: Maths Lead

Targets	Actions to be taken	By whom	By when	Success criteria	Monitoring
Review and restructure all Maths policies in line with mastery teaching.	<ul style="list-style-type: none"><li>Review Maths policy/ calculation policy.</li><li>Review whole-school marking policy.</li><li>Share new documents on both websites with parents and carers.</li></ul>	Maths Leads SLT  Maths Lead	Dec 2023	<ul style="list-style-type: none"><li>All maths policies updated, shared, and published</li></ul>	