



2024 Home Learning Guide for Parents

Our Vision at LCPS: We aim to build a CHRIST centred community that inspires every individual: to think; to learn; and to strive for academic excellence.

Our Aspiration (2022-2025): To be achieving at or above the Australian average in Literacy and Numeracy.

New in 2024

As our committed staff work together to realise our Vision and Aspiration, we continue to make many adjustments and changes to the teaching and learning program we provide as we respond to research and current best practice in education. In 2024, we introduce XtraMath as a whole school program to improve mathematical fluency. Fluency refers to knowing key mathematical facts and methods and recalling these efficiently. In previous years, this program has been used in some year levels at LCPS and many schools across our region with great success and so this year we will implement this program consistently across our school from years 1-6.

We aim for all our students to reach and exceed the WA Curriculum “End of Year Targets” and to develop fluency in basic number operations that will be of significant assistance to them throughout their formal schooling and beyond.

We believe that using the XtraMath Program regularly and consistently gives students a systematic and structured framework to support essential fluency learning in maths. The XtraMath Program is very effective because it provides instant feedback to your child and is tailored to focus on your child’s area of need.

Our Approach...

Maximise Parental Engagement: Our goal in setting home learning is to provide parents with information about what your child is learning in class and provide support so parents can support the learning of their own children.

Maximise Distributed Practice: Regular and spaced practice (Distributed Practice Theory) enhances memory, problem solving, and transfer of learning to new contexts.

Maximise Retrieval Practice: Providing opportunities for students to retrieve learned information from their long-term memory.

Develop Responsible and Self-Directed Learners: This is our aim for our students.

Encouraging and Supporting Students

- **Parents:** We expect all parents to have an active role in understanding and supporting their child’s learning. Provide your child with time, space and encouragement each night (or as frequently as possible) to complete XtraMath on your home device. Monitor your child’s practice and results and motivate and encourage them.
- **Students:** We expect all students to complete all homework activities (minimum 3x per week).
- **Staff:** At school, we will be recognising and celebrating the achievements and progress of our students as they strive to improve and pass levels. A model of student support will be developed during Term 1 to support students who are stagnating in their progress.

Learning Sequence

We aim for all our students to progress with these termly targets that align to the WA Curriculum:

Year	Starting Program	Fluency Score/Progress % to completion			
		Term 1	Term 2	Term 3	Term 4
1	Begin Addition (6 sec)	50	100		
	Begin Subtraction (6 sec)			50	100
2	Addition (6 sec)	50	100		
	Subtraction (6 sec)			50	100
3	Addition (3 sec)	50	100		
	Subtraction (3 secs)			50	100
4	Multiplication (6 sec)	50	100		
	Division (6 sec)			50	100
5	Multiplication (3 sec)	25	50	75	100
6	Division (3 sec)	25	50	75	100
EXT	Optional Extension Program is also available for those students who have completed the program. This involves larger numbers with a reduced timeframe.				

Implementation (Yr 1-6)

- In 2024, classroom teachers will determine the starting point for each student. In subsequent years, only Year 1 and new students will start at the beginning.
- Your child's teacher will provide you with a XtraMath Flyer. This flyer will provide you with information and codes you require to get started. It is essential your child uses the log-in provided by school.
- It is likely that a number of students (in Year 1-2 particularly) may not have acquired the necessary prerequisite knowledge and skills to commence XtraMath. Your teacher will contact you if your child will be starting on the Pre-XtraMath Program before commencing.
- In the event that your family does not have suitable technology to implement this program at home or has a preference for using parent-child games as a vehicle for mathematical fluency, you will be required to use the nominated Year Level Maths Games available on our website, and Seesaw your teacher each Friday to confirm that you have completed the required three sessions. Parents will also need a pack of cards, 20 popsticks, 2x 10-sided dice and 2x 6-sided dice. These items can be collected from the front office for \$5 or you can purchase your own.
- 10 minutes Reward Time (extra lunch) will be provided each Friday to all students who have completed the required home learning. Those students who have not completed homework will be supported by their class teacher to complete their home learning during this time.
- The **XtraMath** program can be purchased as an app (\$7.99) or you can use the web-based version for free at <https://xtramath.org/#/home/index>