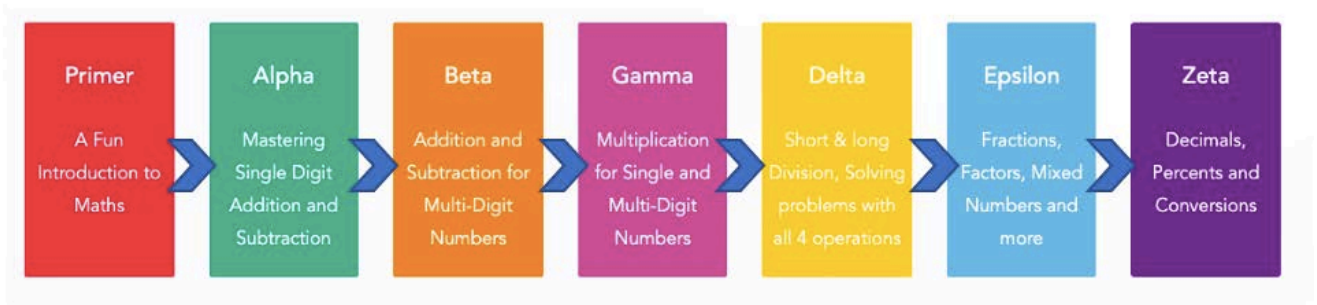


# MASTERY APPROACH VS. SPIRAL APPROACH

Maths Australia recommends a sequential & mastery based approach to maths instruction. This approach is considered essential for students requiring intervention, and is also highly effective for all students where maths mastery is the desired outcome.

Each level of 'Math-U-See' focuses on mastery of a particular maths operation and uses our unique multi sensory approach to develop each student's foundational understanding & application.

As such, our focus is on addressing the student's current level of mastery, and progressing from there (hence our use of non-grade titles for each level offered).



The diagram below provides an overview of our recommended approach, and of how this relates to the national curriculum. Students using our methodology will master material within one year (or less) that is only addressed over several years within the national curriculum's spiral approach.

For example, Gamma Level may be completed by a year 3 student (or by any student of any age who has mastered addition and subtraction). In this level, the student will master multiplication and it's application, beginning at single digit and progressing to multi digit multiplication to develop a deep understanding of the when, how, why, what and where of multiplication. Within the national curriculum, this same content is introduced in Year 1 and only completed in Year 8, amidst all sorts of other mathematical concepts.

| Math U See Level | F | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------------|---|---|---|---|---|---|---|---|---|
| Primer           | ● | ● | ● | ● |   |   |   |   |   |
| Alpha            | ● | ● | ● | ● |   |   |   |   |   |
| Beta             | ● | ● | ● | ● | ● | ● | ● |   |   |
| Gamma            |   | ● | ● | ● | ● | ● | ● | ● |   |
| Delta            |   |   | ● | ● | ● | ● | ● | ● | ● |
| Epsilon          |   |   | ● | ● | ● | ● | ● | ● | ● |
| Zeta             |   |   |   | ● | ● | ● | ● | ● | ● |

#### KEY

|   |  |
|---|--|
| ● | Addresses concepts at this year level            |
| ■ | Heavily addresses concepts at this year level    |
| ■ | Moderately addresses concepts at this year level |
| ■ | Minimal concepts addressed at this year level    |

The following pages will also delve further into the topics that are mastered throughout the Math-U-See program as well as the alignment with the National Australian Curriculum.