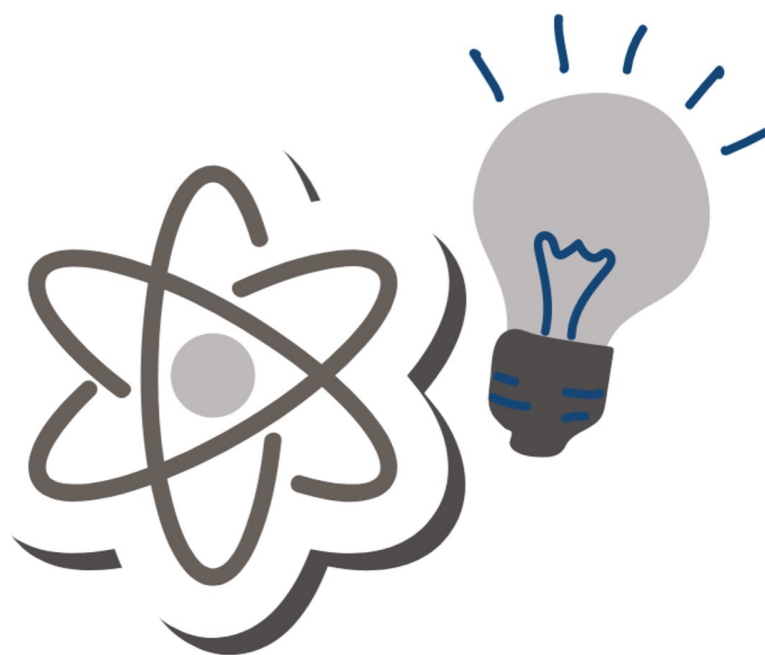


# STRUCTURED MATHS APPROACH

A Structured Maths Scope & Sequence for  
Teachers in the Classroom



BY JORDAN PRIESTLEY

## *Material suggestions for Structured Maths Approach*

*Structured Maths Approach is a uniquely designed scope and sequence that provides teachers and students with structure with its delivery and learning within Maths. A key part of the design of the approach is not specifically stating or requiring materials to support the lessons or phases of Structured Maths Approach. The reason why I haven't done that is because the true nature of the programme means it can be used with anything you already have in your classroom. The hard thing about starting a new programme, approach or learning in your class is that it always comes with a new list of items or equipment that you need to get also. I didn't want that to be the case for Structured Maths Approach so my suggestions are always "use what you have in your classroom".*

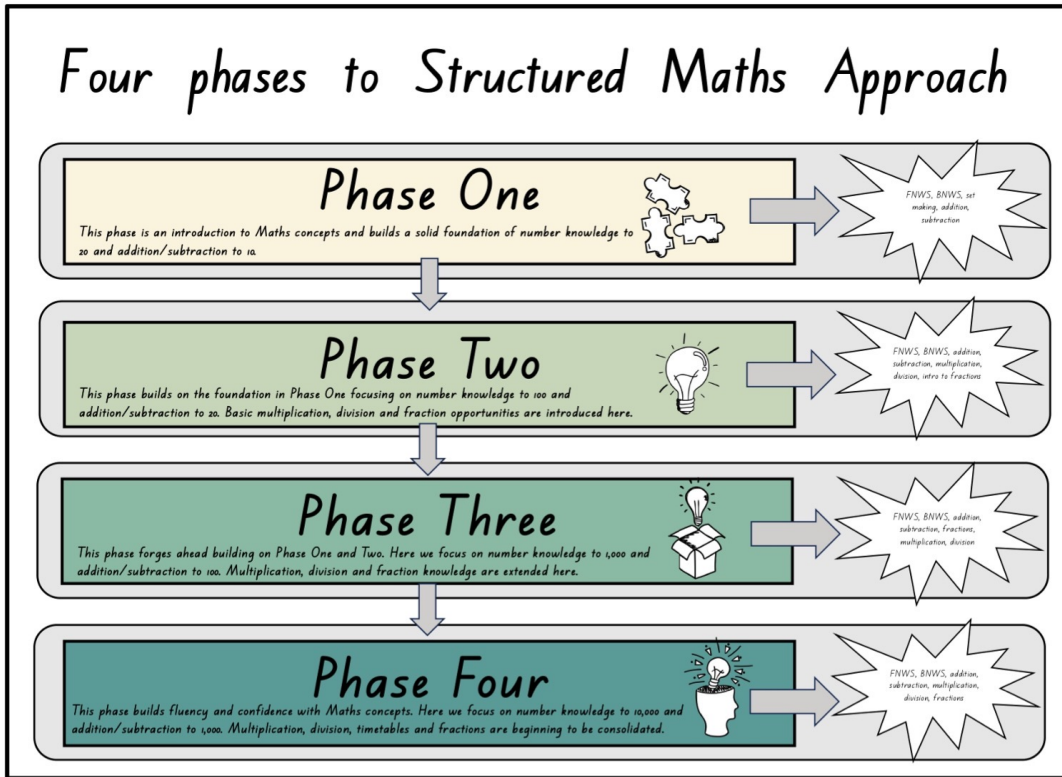
*After some feedback from teachers, I have been asked to put together a list of suggestions or materials that could be used within each phase. This is not a 'must have list' so please don't go out and purchase any missing materials. Just what you have that can equvalate.*

*Check through the list below to see the suggested list of materials.*

	Phase One	Phase Two	Phase Three	Phase Four
<i>General set up</i>	<i>Whiteboards, pens, books, paper</i>			
<i>Materials that could be used to teach in the lessons</i>	<ul style="list-style-type: none"> <li>• <i>number formation shapes</i></li> <li>• <i>tens frames</i></li> <li>• <i>counters</i></li> <li>• <i>beans</i></li> <li>• <i>number lines</i></li> <li>• <i>teddies</i></li> <li>• <i>dice</i></li> <li>• <i>dominoes</i></li> <li>• <i>number cards / flash cards to 20</i></li> <li>• <i>number fans</i></li> <li>• <i>numbers to 100 charts</i></li> <li>• <i>100's board</i></li> <li>• <i>blank number bonds frames</i></li> <li>• <i>blank number sentence frames</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>number formation shapes</i></li> <li>• <i>number fans</i></li> <li>• <i>number cards / flash cards to 100</i></li> <li>• <i>counters</i></li> <li>• <i>beans</i></li> <li>• <i>number lines</i></li> <li>• <i>numbers to 100 charts</i></li> <li>• <i>100's board</i></li> <li>• <i>place value materials</i></li> <li>• <i>blank number bonds frames</i></li> <li>• <i>blank number sentence frames</i></li> <li>• <i>fraction shapes</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>number cards / flash cards to 100 and 1,000</i></li> <li>• <i>number lines</i></li> <li>• <i>blank number lines</i></li> <li>• <i>numbers to 100 charts</i></li> <li>• <i>100's board</i></li> <li>• <i>place value materials</i></li> <li>• <i>blank number bonds frames</i></li> <li>• <i>blank number sentence frames</i></li> <li>• <i>fraction shapes</i></li> <li>• <i>materials to count or sort when solving fractions</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>number cards / flash cards to 100, 1,000 and 10,000</i></li> <li>• <i>blank number lines</i></li> <li>• <i>place value materials</i></li> <li>• <i>100's board</i></li> <li>• <i>blank number bonds frames</i></li> <li>• <i>blank number sentence frames</i></li> <li>• <i>fraction shapes</i></li> <li>• <i>materials to count or sort when solving fractions</i></li> </ul>

## The Four Phases breakdown to Structured Maths Approach

Here is the complete breakdown to Structured Maths Approach across the four phases and what each chunk will cover with their lessons.



### Phase 1 (Year 0 or New Entrants)

Chunk 1 Numbers 1-10	Chunk 2 Add and subtract to 5	Chunk 3 Numbers 11-20	Chunk 4 Add and subtract to 10
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### Phase 2 (Year 1)

Chunk 1 Numbers 1-100	Chunk 2 Add and subtract to 20	Chunk 3 Number Add and subtract to 20 Fractions	Chunk 4 Multiplication and division Fractions
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### Phase 3 (Year 2)

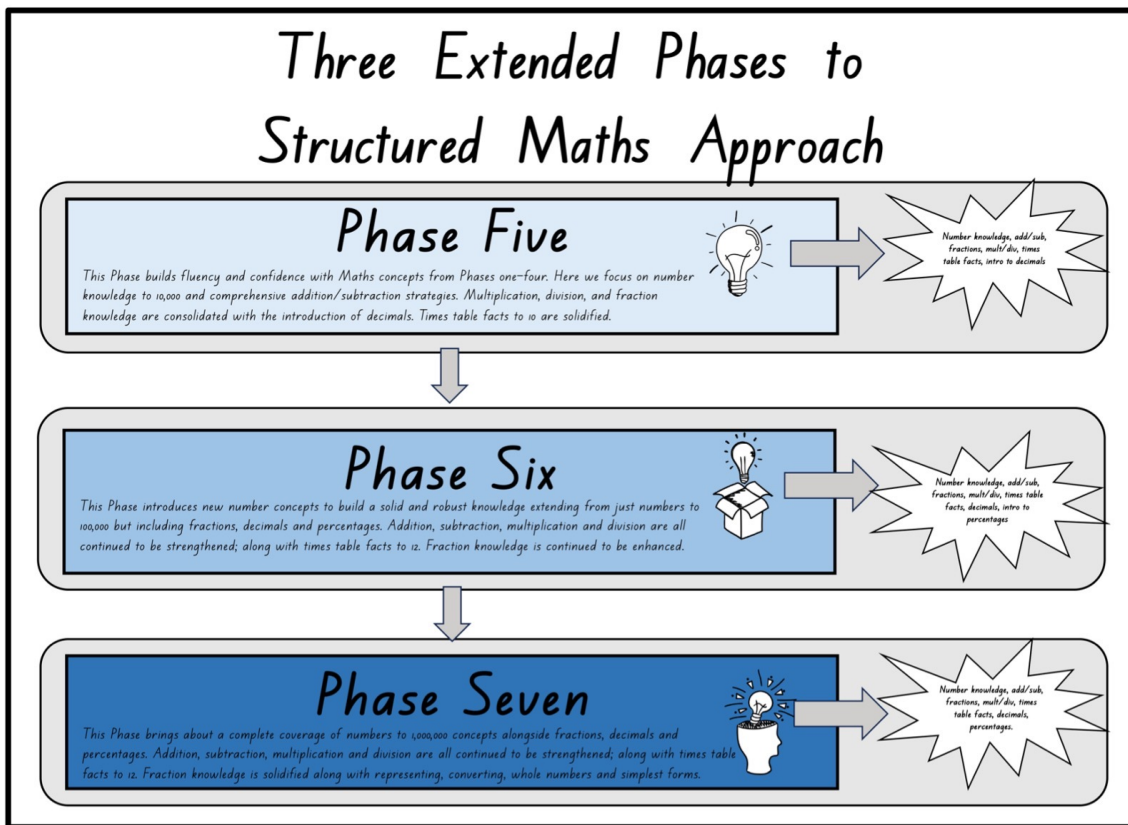
Chunk 1 Numbers 1-1,000	Chunk 2 Add and subtract to 100	Chunk 3 Number Add and subtract to 100 Fractions	Chunk 4 Multiplication and division Fractions
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### Phase 4 (Year 3)

Chunk 1 Numbers 1-10,000	Chunk 2 Add and subtract to 1,000	Chunk 3 Add and subtract to 1,000 Multiplication and division	Chunk 4 Add and subtract to 1,000 Multiplication and division Fractions
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## The Three Extended Phases Structured Maths Approach breakdown

Here is the complete breakdown to the extended Structured Maths Approach across the last three additional phases and what each chunk will cover within their lessons. This has been an add-on to the initial Structured Maths Approach plan due to high teacher demand and the need for a continuation for students in higher year groups.



Phase 5 (Year 4)			
Chunk 1 Numbers 1-10,000	Chunk 2 Addition and subtraction	Chunk 3 Multiplication and division	Chunk 4 Fractions

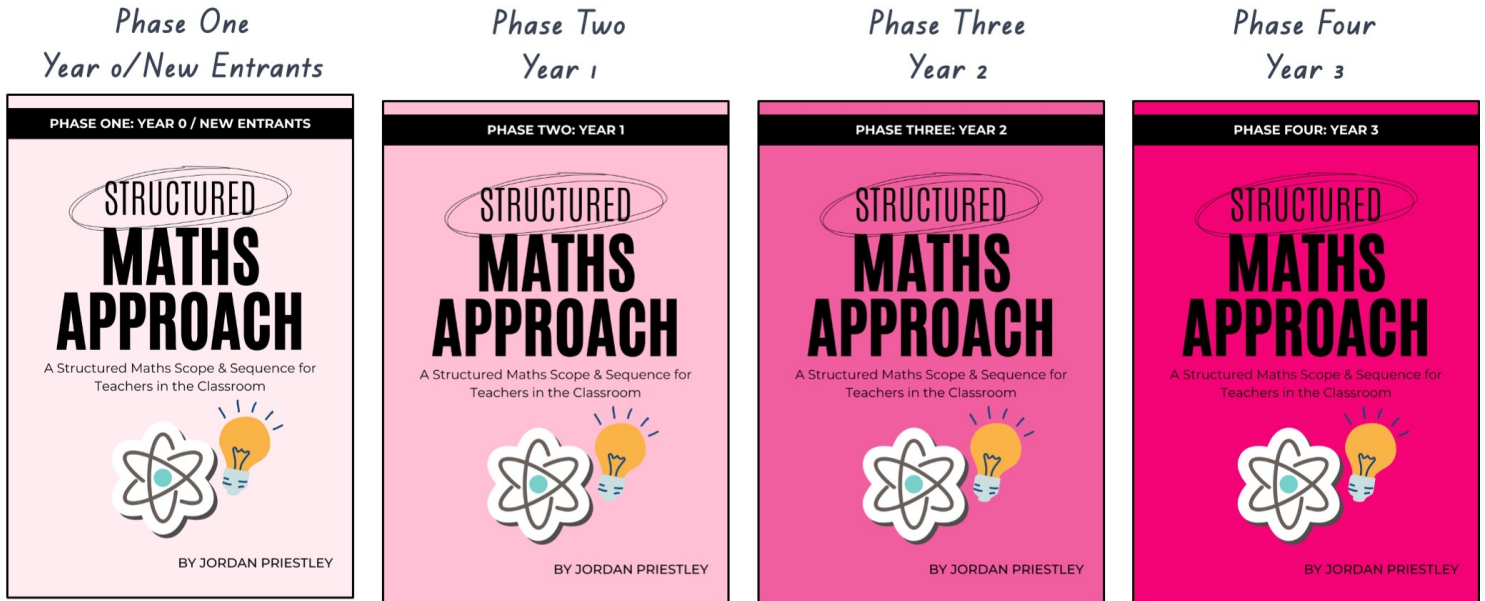
Phase 6 (Year 5)			
Chunk 1 Numbers 1-100,000 Fractions	Chunk 2 Number Addition and subtraction	Chunk 3 Multiplication and division	Chunk 4 Fractions

Phase 7 (Year 6)			
Chunk 1 Numbers 1-1,000,000 Fractions	Chunk 2 Number Addition and subtraction	Chunk 3 Multiplication and division	Chunk 4 Fractions

## Which phase is best for me?

The scope is comprehensive coverage right from when students start in Year 0 (or New Entrants) and carry them through the years. They are broken down into phases and chunks within those phases that help you build on, progress and unpack key teaching targets for learners to set them up for success. This is primarily number focused and includes number knowledge and number strategy.

Having a look at the programme comparison might help you find the right phase to start with or what gaps need to be filled using Structured Maths Approach.



All phases come with relevant teaching materials to support the implementation in your classroom:

- Structured Maths Approach teaching book
- Lesson plans for each lesson
- Matching slide show presentations for each lesson
- Lesson checks – worksheets that can be used as follow ups, check ins or confirmation of the learning
- Basic facts slide show presentations for key basic facts
- Lesson planner template with drop down learning targets included

Each phase comes in either physical copy (which includes a digital version also) or a digital copy only.