## Maths Scheme -Senior Infants

## Notes on this plan

This is a suggested Senior Infant yearly Maths scheme incorporating the Ready, Set, Go - Maths programme for the teaching of Number \& Early Maths Activities (EMA) along with the other strands of the Irish Primary School Maths Curriculum. It is envisaged that on a weekly basis, 3 days are focussed on the teaching and learning of Number and Early Maths Activities whilst the remaining 2 days address another strand and strand unit. Where necessary and again, at the discretion of the teacher, this weekly 3 day/ 2 day approach may be altered depending on the needs of the pupils.

The suggested sequence for the teaching and learning of the other strands and strand units (referred to as 'topic' in the plan) is only a suggestion and should be modified accordingly at the teacher's discretion. However, the sequence for Number and Early Maths Activities is in line with the Ready, Set, Go - Maths programme and it is recommended that these lines of development are adhered to. This is to ensure that pupils logically build on previous related concepts and do not acquire gaps in their number knowledge.

Linkage \& Integration: The 3 day/2 day approach has been devised to ensure frequent exploration and revisiting of Number and Early Maths concepts and a more prolonged exposure to the other strands and strand units over a longer period of time. Traditionally, other strand units such as 'capacity' would have been addressed in one two-week block, not allowing time for any number work. By exploring 'capacity' 2 days/week but extended over a 3 or 4 week-period, it is envisaged that pupils will retain their conceptual understanding of this strand unit, whilst Number and EMA conceptual development is on-going. Teachers using this planning approach have found that pupils are more likely to make connections between their Number work and the other strand unit.

A section for Linkage \& Integration has been included in the plan for teachers to identify opportunities for linkage between the maths strands and integration with other subjects.


## Maths Scheme -Senior Infants

Differentiation: Ready, Set, Go - Maths recommends that pupils are grouped and taught in similar-ability groupings based on assessment information. This may result in groups moving at different paces. This plan has broadly been designed to progress at the pace of the fastestprogressing group. It is important to note, therefore, that although the plan is laid out on a weekly basis, some groups may not yet be ready for the next week's work and others may possibly be in advance of the week's work. Teachers should use their discretion to advance pupils' learning at a pace that is suitable for the individuals and groups in their class.

Whilst Ready, Set, Go - Maths advocates ability groups, teachers here, should use their professional judgement to decide on how best to structure groups to ensure progression in higher and lower order skills development for all pupils. It is very important that ability groupings are regularly reviewed and that pupils may move from one group to another based on the information garnered from assessments, including teacher observation and progress records.

To ensure a balanced approach, it is recommended that where practicable, the weekly non-number strand unit or 'topic' would be taught in mixed-ability settings.

Numeration: Whilst Ready, Set, Go - Maths emphasises the importance of pupils being able to recognise and order numerals, it does not over-emphasise developing the pupils' ability to formally write numerals. There is reference made to the importance of pre-writing numeral activities such as tracing numbers in sand and creating numerals with plasticene. Teachers should address formal writing of numbers in their own individual planning.

Subtraction: Subtraction in the Irish primary school Maths curriculum is not formally introduced until First class. However, Ready, Set, Go - Maths introduces practical addition within 5 at an earlier stage (within 'a second significant goal'). For the purposes of this plan these practical subtraction activities within 5 and 10 have been included. Teachers should use their discretion, based on the needs of their pupils, to decide whether or not to address practical subtraction in Senior Infants. For teachers of First class, the approach taken in Ready, Set, Go - Maths is ideal for developing subtraction concepts.


## Maths Scheme -Senior Infants

| September |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Data/recognising and interpreting data: <br> -Sort and classify sets of objects <br> by one and two criterion <br> -Sort and classify objects by <br> two and three criteria <br> Number/ Counting: <br> - Count the number of objects in a set, 1 - 20 <br> Number/Comparing \& Ordering: <br> - Compare equivalent \& non-equivalent sets by matching <br> -Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Analysis of Number: <br> Numeration <br> - Read, write and order numerals <br> -Estimate the number of objects in a set <br> -Develop an understanding of the conservation of <br> number, 1-10 <br> -Solve simple oral problems <br> Partitioning <br> -Partition sets of objects, 1-5 <br> Combining <br> -Combine sets of objects, totals to 5 <br> Algebra/Extending Pattern: <br> -Identify, copy and extend patterns in colour, <br> shape and size and number (1-2 elements) | Sorting: Revise 2, 3 property sets. Sort 4 property sets in terms of colour, shape, size, thickness etc. Relationships \& Operations- copy, extend, devise pattern with $1-2$ elements | - Counting forward and backwards to and from 12, from different starting points <br> - Recognition of numerals to 5 <br> - Number after <br> - Number before | Data \& Algebra |
| 2 |  | Sorting: Sort 4 property sets in terms of colour, shape, size, thickness etc. <br> Relationships \& Operations- copy, extend, devise patterns with 1-2 elements <br> Understanding Number: Wide variety of sets within 5 Understanding Number: Assess conservation of number within 5 |  | Data \& Algebra |
| 3 |  | Relationships \& Operations: Revise combining, partitioning and practical addition within 5. (RSGM p.63, 67, 74) <br> Relationships \& Operations- copy, extend, devise patterns with 1-2 elements <br> Understanding Number: Wide variety of sets within 5 Understanding Number: Order numerals and sets within 5 |  | Data \& Algebra |
| 4 |  | Relationships \& Operations: Revise combining, partitioning and practical addition within 5 . (p. $63,67,74$ ) Relationships/Operations: Play and guided activities with Cuisenaire rods $1-5$ (RSGM p. 88, 89) <br> Understanding Number: Wide variety of sets within 5 Understanding Number: Order numerals and sets within 5 |  | Data \& Algebra |
| Assessment |  | Review Junior Infant progress records. Assess conservation of numbers within 5. |  |  |
| Differentiation |  | Form ability groups for Number and Early Maths Activities based on assessments and Junior Infant progress records |  |  |
| Linkage \& Integration |  |  |  |  |

## Maths Scheme -Senior Infants

| October |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Data/recognising and interpreting data: <br> -Sort and classify sets of objects by one and two and three criteria Number/Counting: <br> -Count the number of objects in a set 1-10, 1-20 <br> Number/Comparing \& Ordering: <br> - Compare equivalent \& non-equivalent sets by matching <br> -Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1-10 <br> -Explore components of number 1-10 <br> Number/Analysis of Number: <br> Numeration <br> -Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> -Solve simple oral problems <br> Algebra/Extending Pattern: <br> -Identify, copy and extend patterns in colour, shape and size and number (1-2 elements) <br> Shape and Space: <br> - Use suitable structured materials to create pictures. <br> -Combine and divide 2- D shapes to make larger or smaller shapes. <br> -Give simple moving and turning directions <br> -Solve problems involving shape and space | Sorting: Sort 4 property sets in terms of colour, shape, size, thickness etc <br> Understanding Number: Wide variety of sets within 6 <br> Conservation of 6 <br> Relationships \& Operations: Partitioning and combining sets of 6 <br> Practical addition within 6 | - Counting forward and backwards to and from 12, from different starting points - Recognition of numerals to 6 - Number after \& Number before | 2D Shape See PDST Shape and Space Manual |
| 2 |  | Sorting: Sort 4 property sets in terms of colour, shape, size, thickness etc. <br> Understanding Number: Wide variety of sets within 6 <br> Conservation of 6 <br> Relationships \& Operations: Partitioning and combining sets of 6 <br> Practical addition within 6 <br> Calculate mentally within 6 | - Counting forward and backwards to and from 12, from different starting points <br> - Recognition of numerals to 6 <br> - Number after <br> - Number before | 2D Shape See PDST Shape and Space Manual |
| 3 |  | Understanding Number: Wide variety of sets within 6 <br> Order numerals and sets within 6 <br> Conservation of 6 <br> Relationships \& Operations: Copy and extend patterns with 3 and <br> 4 elements <br> Partitioning and combining sets of 6 <br> Practical addition within 6 with written record <br> Calculate mentally within 6 <br> Play and guided activities with Cuisenaire rods $1-6(p .88,89)$ | - Counting forward and backwards to and from 12, from different starting points <br> - Recognition of numerals to 6 <br> - Number after \& Number before | 2D Shape See PDST Shape and Space Manual |
| 4 |  | Understanding Number: Wide variety of sets within 6 <br> Order numerals and sets within 6 <br> Conservation of 6 <br> Relationships \& Operations: <br> Practical addition within 6 with written record <br> Calculate mentally within 6 <br> Guided activities with Cuisenaire rods $1-6$ (p. 89, 90, 91) | - Counting forward and backwards to and from 12, from different starting points <br> - Recognition of numerals to 6 <br> - Number after/Number before | 2D Shape <br> See PDST Shape and Space Manual |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

Maths Scheme -Senior Infants

## Maths Scheme -Senior Infants

| November |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Data/recognising and interpreting data: <br> -Sort and classify sets of objects <br> by one, two and three two criteria <br> Number/Counting: <br> -Count the number of objects in a set 1-20 <br> Number/Comparing \& Ordering: <br> -Compare equivalent \& non-equivalent sets by matching <br> -Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1-10 <br> -Explore components of number 1-10 <br> -Use the symbols + and = to construct word sentences involving addition <br> Number/Analysis of Number: <br> Numeration <br> Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> -Solve simple oral problems <br> Measures/Time: <br> Develop an understanding of the concept of time through the use of appropriate vocabulary <br> -Sequence daily and weekly events or stages in a story <br> -Read time in one-hour Intervals | Mid-term break |  |  |
| 2 |  | Sorting: Sort 3 and 4 property sets in terms of colour, shape, size, thickness using attribute blocks <br> Sorting consolidation activities (RSGM p. 43 - 47) <br> Understanding Number: Wide variety of sets within 7 <br> Conservation of 7 <br> Relationships \& Operations: Partitioning and combining sets of 7 <br> Practical addition within 7 | - Counting forward and backwards to and from 15, from different starting points <br> - Recognition of numerals to 7 <br> - Number after <br> - Number before | Time |
| 3 |  | Sorting: Sort 3 and 4 property sets in terms of colour, shape, size, thickness using attribute blocks <br> Sorting consolidation activities (RSGM p. $43-47$ ) Understanding Number: Wide variety of sets within 7 Conservation of 7 <br> Order numerals and sets within 7 <br> Relationships \& Operations: Partitioning and combining sets of 7 <br> Practical addition within 7 with written record Calculate mentally within 7 | - Counting forward and backwards to and from 15, from different starting points <br> - Recognition of numerals to 7 <br> - Number after <br> - Number before | Time |
| 4 |  | Sorting: Sort 3 and 4 property sets in terms of colour, shape, size, thickness using attribute blocks <br> Sorting consolidation activities (RSGM p. 43 - 47) <br> Understanding Number: Wide variety of sets within 7 <br> Conservation of 7 <br> Order numerals and sets within 7 <br> Relationships \& Operations: Practical addition within 7 with written record <br> Calculate mentally within 7 <br> Guided activities with Cuisenaire rods 1-7 (p. 89, 90, 91) | - Counting forward and backwards to and from 15 , from different starting points <br> - Recognition of numerals to 7 <br> - Number after <br> - Number before | Time |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

## Maths Scheme -Senior Infants

| December |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Number/Counting: <br> Count the number of objects in a set 1-20 <br> Number/Comparing \& Ordering: <br> Compare equivalent \& non-equivalent sets <br> by matching <br> Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Combining \& Partitioning <br> Combine \& Partition sets of objects 1-10 <br> -Explore components of number 1-10 <br> -Use the symbols + and = to construct word <br> sentences involving addition <br> Number/Analysis of Number: <br> Numeration <br> Develop an understanding of the conservation of number, 1-10 <br> Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> -Solve simple oral problems <br> Shape and Space: <br> Sort, describe and name 3-D shapes, regular and Irregular <br> Combine 3-D shapes to make other shapes <br> Solve tasks and problems involving shape | Understanding Number: Wide variety of sets within 8 <br> Conservation of 8 <br> Relationships \& Operations: Partitioning and combining sets of 8 <br> Practical addition within 8 | - Counting forward and backwards to and from 15, from different starting points <br> Recognition of numerals to 7 <br> Number after <br> - Number before | 3D Shape See PDST Shape and Space Manual |
| ${ }^{2}$ |  | Understanding Number: Wide variety of sets within 8 <br> Conservation of 8 <br> Order numerals and sets within 8 <br> Relationships \& Operations: Partitioning and combining sets of 8 <br> Practical addition within 8 with written record <br> Calculate mentally within 8 | Counting forward and backwards to and from 15, from different starting points <br> Recognition of numerals to 8 <br> - Number after <br> - Number before | 3D Shape See PDST Shape and Space Manual |
| 3 <br>  <br>  |  | Understanding Number: Wide variety of sets within 8 <br> Conservation of 8 <br> Order numerals and sets within 8 <br> Relationships \& Operations: Practical addition <br> within 8 with written record <br> Guided activities with Cuisenaire rods 1-8 (p. 89 <br> 90, 91) | Counting forward and backwards to and from 15, from different starting points <br> - Recognition of numerals to 8 <br> Number after <br> - Number before | 3D Shape <br> See PDST Shape and Space Manual |
| 4 |  | Christmas Holidays |  |  |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

## Maths Scheme -Senior Infants

| January |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Number/Counting: <br> - Count the number of objects in a set 1-20 <br> Number/Comparing \& Ordering: <br> -Compare equivalent \& non-equivalent sets by matching <br> -Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1-10 <br> -Explore components of number 1-10 <br> -Use the symbols + and = to construct word <br> sentences involving addition <br> Number/Analysis of Number: <br> Numeration <br> -Develop an understanding of the conservation of <br> number, 1-10 <br> -Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> -Solve simple oral problems <br> Data/recognising and interpreting data: <br> -Sort and classify objects by two and three criteria <br> -Match sets, equal and unequal <br> -Represent and interpret a set of simple <br> mathematical data using real objects, models and pictures. <br> -Represent and interpret data in two rows or columns | Christmas Holidays |  |  |
| 2 |  | Understanding Number: Wide variety of sets within 8 <br> Conservation of 8 <br> Order numerals and sets within 8 <br> Relationships \& Operations: Practical addition <br> within 8 with written record <br> Calculate mentally within 8 <br> Guided activities with Cuisenaire rods 1-8 <br> (RSGM p. 89, 90, 91) | - Counting forward and backwards to and from 18 , from different starting points <br> - Recognition of numerals to 8 <br> - Number after <br> - Number before | Data |
| 3 |  | Understanding Number: Wide variety of sets within 9 <br> Conservation of 9 <br> Relationships \& Operations: Partitioning and combining sets of 9 <br> Practical addition within 9 | - Counting forward and backwards to and from 18, from different starting points <br> - Recognition of numerals to 8 <br> - Number after <br> - Number before | Data |
| 4 |  | Understanding Number: Wide variety of sets within 9 <br> Conservation of 9 <br> Order numerals and sets within 9 <br> Relationships \& Operations: Partitioning and combining sets of 9 <br> Practical addition within 9 with written record Calculate mentally within 9 | - Counting forward and backwards to and from 18, from different starting points <br> - Recognition of numerals to 8 <br> - Number after <br> - Number before | Data |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

## Maths Scheme -Senior Infants

| February |  |  |  |
| :---: | :---: | :---: | :---: |
| Week Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| Number/Counting: <br> -Count the number of objects in a set 1 20 <br> Number/Comparing \& Ordering: <br> -Compare equivalent \& non-equivalent sets by matching <br> -Order sets of objects by number <br> -Use the language of ordinal number: first, second, third, last <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1-10 <br> -Explore components of number 1-10 <br> -Use the symbols + and $=$ to construct <br> word sentences involving addition <br> Number/Analysis of Number: <br> Numeration <br> -Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> -Solve simple oral problems <br> Measures/Weight: <br> -Estimate and weigh in nonstandard Units. <br> -Select and use appropriate nonstandard units to weigh objects | Understanding Number: Wide variety of sets within 9 Conservation of 9 <br> Order numerals and sets within 9 <br> Relationships \& Operations: Practical addition within 9 with written record <br> Calculate mentally within 9 | - Counting forward and backwards to and from 18, from different starting points <br> - Recognition of numerals to 8 <br> - Number after <br> - Number before | Weight |
|  | Mid- term Break | - Counting forward and backwards to and from 18, from different starting points <br> - Recognition of numerals to 9 <br> - Number after <br> - Number before | Mid-term Break |
|  | Understanding Number: Wide variety of sets within 9 <br> Conservation of 9 <br> Order numerals and sets within 9 <br> Relationships \& Operations: Practical addition within 9 with <br> written record <br> Calculate mentally within 9 <br> Guided activities with Cuisenaire rods 1 - 9 (RSGM p. 89, 90, 91) | - Counting forward and backwards to and from 18, from different starting points <br> - Recognition of numerals to 9 <br> - Number after <br> - Number before | Weight |
|  | Understanding Number: Wide variety of sets within 10 <br> Conservation of 10 <br> Relationships \& Operations: Partitioning and combining sets of 10 <br> Practical addition within 10 | - Counting forward and backwards to and from 20, from different starting points <br> - Recognition of numerals to 9 <br> - Number after <br> - Number before |  |
| Assessment | Record teacher observations in Progress Records |  |  |
| Differentiation | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |

## Maths Scheme -Senior Infants

| March |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Number/Counting: <br> -Count the number of objects in a set $1-20$ <br> Number/Comparing \& Ordering: <br> - Compare equivalent \& non-equivalent sets by matching - Order sets of objects by number <br> Number/CCuge or orainal number: first, second, third, last <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1 - 10 -Explore components of number $1-10$ <br> -Use the symbols + and = to construct word sentences <br> involving addition <br> Number/Analysis of Number: <br> - Numeration <br> Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 <br> -Estimate the number of objects in a set <br> Algebra/Extending Pattern: <br> -Identify, copy and extend patterns in colour, shape and size <br> and number (3-4 elements) using a range of objects, e.g. <br> cubes or threading beads continue the pattern, what comes next? <br> -Recognise patterns and predict subsequent numbers find the missing numbers: 2 , Measures/Money: <br> -Recognise and use <br> coins (up to 5 cents 10 cents and 20 cents) <br> -Solve practical tasks and problems using money | Understanding Number: Wide variety of sets within <br> 10 <br> Conservation of 10 <br> Order numerals and sets within 10 <br> Relationships \& Operations: Partitioning and combining sets of 10 <br> Practical addition within 10 with written record <br> Calculate mentally within 10 | - Counting forward and backwards to and from 20, from different starting points <br> Recognition of numerals to 9 <br> - Number after <br> - Number before | Money |
| 2 |  | Understanding Number: Wide variety of sets within <br> 10 <br> Conservation of 10 <br> Order numerals and sets within 10 <br> Relationships \& Operations: Practical addition within 10 with written record <br> Calculate mentally within 10 | - Counting forward and backwards to and from 20, from different starting points <br> Recognition of numerals to 10 <br> Number after <br> - Number before | Money \& Algebra |
| 3 |  | Understanding Number: Wide variety of sets within <br> Und 10 Con <br> Conservation of 10 <br> Order numerals and sets within 10 <br> Relationships \& Operations: Practical addition <br> within 10 with written record <br> Guided activities with Cuisenaire rods $1-10$ (p.89, 90, <br> 91) | - Counting forward and backwards to and from 20, from different starting points <br> Recognition of numerals to 10 <br> Number after <br> Number before | Money \& Algebra |
| 4 |  | Easter Holidays |  |  |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

Maths Scheme -Senior Infants

| April |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Week | Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 | Number/Counting <br> Count the number of objects in a set 1-20 <br> Number/Comparing \& Ordering: <br> Compare equivalent \& non-equivalent sets by matching <br> third las language of ordinal number: first, second, <br> Order sets of objects by number <br> Number/Combining \& Partitioning <br> -Combine \& Partition sets of objects 1-10 <br> Explore components of number 1-10 <br> -Use the symbols + and $=$ to construct word sentences <br> Nolving addition <br> Numeralysis of Number: <br> Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 <br> Estimate the number of objects in a set <br> Solve simple oral problems <br> Measures/Capacity: <br> Estimate and measure capacity in non-standard units <br> Select and use appropriate non-standard units to <br> measure capacity | Easter Holidays <br> Relationships \& Operations: Practical addition within 6 <br> 10 with written record <br> Addition within 10 with Cuisenaire (RSGM p.93) <br> Calculate mentally within 10 | - Counting forward and backwards to and from 20 , from different starting points Recognition of numerals to 10 Number after \& Number before | Capacity |
| 3 |  | Relationships \& Operations: Practical addition within 6 . 10 with written record <br> Calculate mentally within 10 <br> Addition within 10 with Cuisenaire (RSGM p.93) <br> Subtract practically within 5 using subtraction baseboard | - Counting forward and backwards to and from 20, from different starting points different starting points - Recognition of numerals to 10 Number after \& Number before | Capacity |
| 4 |  | Relationships \& Operations: Practical addition within 6 10 with written record <br> Calculate mentally within 10 <br> Addition within 10 with Cuisenaire (RSGM p.93) Subtract phacticlly <br> Subtract practically within 5 using subbraction baseboard | - Counting forward and backwards to and from 20, from different starting points - Recognition of numerals to 10 - Number after \&Number before | Capacity |
| Assessment |  | Record teacher observations in Progress Records |  |  |
| Differentiation |  | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |  |

## Maths Scheme -Senior Infants

| May |  |  |  |
| :---: | :---: | :---: | :---: |
| Week Strand/Strand Unit | Content Ready, Set, Go | Counting and Recognition | Topic |
| 1 Number/Counting: <br> -Count the number of objects in a set 1-  <br> 20  <br> Number/Comparing \& Ordering:  <br>  -Compare equivalent \& non-equivalent | Ordinal language; first, last and in between. Addition within 10 with Cuisenaire (RSGM p.93) The Commutative aspect of Addition Subtract practically within 10 using subtraction baseboard | - Counting forward and backwards to and from 20, from different starting points <br> - Recognition of numerals to 10 <br> - Number after \& Number before | Length |
| sets by matching -Order sets of objects by number Number/Combining \& Partitioning -Combine \& Partition sets of objects 1-10 -Explore components of number 1-10 -Use the symbols + and $=$ to construct word | The Commutative aspect of Addition Addition within 10 with Cuisenaire (RSGM p.93) Subtract practically within 10 using subtraction baseboard | - Counting forward and backwards to and from 20, from different starting points <br> - Recognition of numerals to 10 <br> - Number after \& Number before | Length |
| 3 sentences involving addition <br> Numeration <br> -Develop an understanding of the conservation of number, 1-10 <br> -Read, write and order numerals 1-10 | The Commutative aspect of Addition Subtract practically within 10 using subtraction baseboard <br> Subtraction as the inverse of addition <br> Subtraction as complementing (Box Addition) using Cuisenaire p. 94 | - Counting forward and backwards to and from 20, from different starting points <br> - Recognition of numerals to 10 <br> - Number after \& Number before | Length |
| 4 -Estimate the number of objects in a set <br>  -Slve simple oral problems <br>  Measures/Length: <br>  -Estimate and measure length in non- <br>  standard units estimate, and check by <br>  measuring <br>  -Select and use appropriate <br>  non-standard units to measure length, <br>  width or height. Discuss reasons for choice | The Commutative aspect of Addition Subtract practically within 10 using subtraction baseboard <br> Subtraction as the inverse of addition Subtraction as complementing (Box Addition) using Cuisenaire p. 94 | - Counting forward and backwards to and from 20, from different starting points <br> - Recognition of numerals to 10 <br> - Number after \& Number before | Length |
| Assessment | Record teacher observations in Progress Records |  |  |
| Differentiation | Review ability groupings in light of assessments |  |  |
| Linkage \& Integration |  |  |  |

## Maths Scheme -Senior Infants

| June |  |  |  |  |  |  | Content <br> Ready |
| :---: | :--- | :--- | :--- | :--- | :--- | :---: | :---: |
| Week | Strand/Strand Unit |  |  |  |  |  |  |

