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# Breaking Barriers - Overview of student progress

**Student’s name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Introductory activities to work in parallel**

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| --- | --- | --- | --- | --- |
| **Pattern and algebra** | Thumbs up signadd date | **Counting** | **Numbers and the Number system** | Thumbs up signadd date |
| 1 Simple repeating patterns |  | Dated Comments: | 1 Exploring Numicon shapes and the Baseboard |  |
| 2 Pattern, direction and orientation |  | 2 Matching Numicon shapes |  |
| 3 More complex repeating patterns |  | 3 Making comparisons to understand ‘bigger’ |  |
|  |  | 4 Making comparisons to understand ‘smaller’ |  |
|  |  | 5 Matching Numicon shapes and Patterns |  |
|  |  | Making comparisons using the language of comparison |  |
| **Date started** | **Strand and Activity Group Number** | **Activity Group Title** |  |
|  | Pattern and Algebra 4 | *Similarities and differences, sorting* |  |
|  | Numbers and the number system 7 | *Learning to order the Numicon shapes* |  |
|  | Numbers and the number system 8 | *Securing ordering the Numicon shapes* |  |
|  | Numbers and the number system 9 | *Beginning to learn Numicon shape patterns* |  |
|  | Numbers and the number system 10 | *Giving the Numicon shapes their number names* |  |
|  | Numbers and the number system 11 | *Labelling the shapes with numerals* |  |
|  | Pattern and Algebra 5 | *Connecting repeating patterns with numbers* |  |
|  | Numbers and the number system 12 | *How many from Numicon shape patterns* |  |
|  | Pattern and Algebra 6 | *Equivalence – amounts and measures* |  |
|  | Pattern and Algebra 7 | *Odd and even* |  |
|  | Pattern and Algebra 8 | *Reasoning about numbers* |  |
|  | Calculating 1 | *Practical adding- starting with the total* |  |
|  | Calculating 2 | *Practical adding- combining to find how many altogether* |  |
|  | Calculating 3 | *Practical adding- adding more* |  |
|  | Calculating 4 | *Practical subtracting-take away* |  |
|  | Calculating 5 | *Practical subtracting- decrease* |  |
|  | Calculating 6 | *Practical subtracting- comparing and difference* |  |
|  | Calculating 7 | *Practical subtracting- comparing and how many more to make equal* |  |
|  | Numbers and the number system 13 | *Building and naming teen numbers* |  |
|  | Numbers and the number system 14 | *Teen numbers - notation* |  |
|  | Calculating 8 | *Introducing the + symbol* |  |
|  | Pattern and Algebra 9 | *Introducing the < and > symbols – comparing amounts and measures* |  |
|  | Pattern and Algebra 10 | *Introducing the = symbol* |  |
|  | Numbers and the number system 15 | *Comparing and ordering to 20* |  |
|  | Calculating 9 | *Introducing the - symbol* |  |
|  | Calculating 10 | *Adding and subtracting 1* |  |
|  | Calculating 11 | *Money- coin equivalence* |  |
|  | Calculating 12 | *Further ideas for developing fluency* |  |
|  | Numbers and the number system 16 | *Finding how many by grouping in tens* |  |
|  | Numbers and the number system 17 | *Exploring number lines, counting in tens* |  |
|  | Numbers and the number system 18 | *Structure of 2-digit numbers* |  |
|  | Numbers and the number system 19 | *Structure of 2-digit numbers- notation* |  |
|  | Numbers and the number system 20 | *Comparing and ordering 2-digit numbers* |  |
|  | Numbers and the number system 21 | *Counting in steps of 2 and 5* |  |
|  | Calculating 13 | *Fractions- parts and wholes* |  |
|  | Calculating 14 | *Practical multiplying* |  |
|  | Calculating 15 | *Introducing the x symbol* |  |
|  | Calculating 16 | *Practical ÷* |  |
|  | Calculating 17 | *Introducing the ÷ symbol* |  |
|  | Calculating 18 | *Halves and quarters of wholes* |  |

**Comments to use at planning meetings**

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| Date | Student comment | TA comment | Teacher comment | Parent comment |
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