**Grange Primary School**

**LEARNING LADDER 3**

**Understanding Number – Online Learning**

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| **What i am Learning** | **Game Link** | **Guidance** |
| I can recognise (read and write) numbers made of H T O  | 1. [Spell the Number](https://www.funbrain.com/games/cookie-dough-spell-the-numbers)
2. [Writing numbers in words](https://www.helpfulgames.com/subjects/mathematics/357-writing-numbers-in-words.html)
3. [Base Ten BINGO](https://www.abcya.com/games/base_ten_bingo)
4. [Base Ten Fun](https://www.abcya.com/games/base_ten_fun)
5. [Matching Numbers Between](https://mrnussbaum.com/matching-numbers-between-1-1000-with-their-written-words-online)
 | 1. Select 0 to 10 or 0 to 100 option
2. Select from options 1 - 15 (Challenge increases with number of game - includes quizzes, memory/matching games)
3. Choose Hundreds, Tens or Ones option
4. Choose Count and Write option > Hundreds, Tens or Ones option
5. Multiple choice - select answer from drop down menu
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| I can order numbers into the Hundreds: H T O | 1. [Coconut Ordering](https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering)
2. [Daily 10 - Mental Maths Challenge](https://www.topmarks.co.uk/maths-games/daily10)
3. [Number Line](https://mathsframe.co.uk/en/resources/resource/37/placing_numbers_on_a_number_line)
4. [Range Arranger](http://ictgames.com/rangeArranger/)
5. [Chinese Dragon Game](https://www.topmarks.co.uk/ordering-and-sequencing/chinese-dragon-ordering)
6. [Play Your Cards Right](https://www.ictgames.com/mobilePage/playYourCardsRight/index.html)
 | 1. Select Options Up to 10, Up to 20, Up to 100 (tens) OR Up to 100
2. Select Level 3 > Ordering > Smallest first OR Largest first >2 OR 3 digit numbers > 20 seconds (Paper and pencil needed!)
3. Select any of the top 4 options - CHALLENGE yourself with 1 - 100
4. Numbers 0 to 100 - drag to rearrange smallest to largest
5. Select Sequencing > Simple sequences > Choose 0 to 100 or 100 to 0
6. CHoose from the number ranges > 1 - 20 , 41 - 60, 91 - 110 or 191 - 210 - guesstimation game - make a CLEVER guess: higher or lover
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| I can round numbers to the nearest T (10) | 1. [Rounding to Ten](https://www.youtube.com/watch?v=CMdck80SHnw)
2. [Rocket Rounding](https://www.topmarks.co.uk/maths-games/rocket-rounding)
3. [Rounding](http://www.snappymaths.com/counting/rounding/interactive/round2dto10/round2dto10.htm)
4. [Alien Attack](http://www.snappymaths.com/counting/rounding/interactive/round2dto10attack.htm)
5. [Rounding Challenge](https://mrnussbaum.com/rounding-to-the-nearest-ten-online)
6. [iknowit Quiz](https://www.iknowit.com/lessons/b-rounding-nearest-ten-99.html)
 | 1. YOUTUBE Cartoon - Reminder
2. Choose Up TO 99 to Nearest 10 (number line option too)
3. 1 minute challenge
4. Timed challenge - type answer press return
5. Multiple choice activity - select from drop down menu
6. Quiz!
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| I can add/subtract T (10s)  | 1. [Caterpillar Ordering -](https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering)
2. [Bubble Skip Counting](https://www.abcya.com/games/number_bubble_skip_counting)
3. [Chinese Dragon Game](https://www.topmarks.co.uk/ordering-and-sequencing/chinese-dragon-ordering)
4. [Whack A Mole:](https://www.ictgames.com/mobilePage/whackAMole/index.html)
 | 1. Select Sequencing > Counting in steps
2. Select any option
3. Select Sequencing > Choose any option from COUNTING IN MULTIPLES or COUNTING IN STEPS (remember the rule of the selections you make)
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| I can partition numbers into H T O  | 1. [Base Ten Fun](https://www.abcya.com/games/base_ten_fun)
2. [Dienes](https://mathsframe.co.uk/en/resources/resource/554/Dienes-Identify-and-Represent-Numbers)
3. [Place Value Basketball](https://www.topmarks.co.uk/learning-to-count/place-value-basketball)
4. [Base Ten BINGO](https://www.abcya.com/games/base_ten_bingo)
5. [3 K Base Ten Blocks](https://www.abcya.com/games/base_ten)
6. [Computermice Block games](https://mrnussbaum.com/fun-place-value-block-games-from-computermice)
7. [Shark Numbers](https://www.ictgames.com/sharkNumbers/mobile/index.html)
8. [Lifeguards](https://www.ictgames.com/mobilePage/lifeguards/index.html)
 | 1. Choose read and make option > Select Ones or Tens Go for Hundreds options if you fancy a challenge!
2. Choose IDENTIFY and/or CREATE and 100 option
3. Select Numbers up to 999
4. Select 1s, 10s, or 100s
5. Game creating Visual of (TH) H T O - Only use Hundreds Tens and Ones
6. 20 game options - Click to choose. (Tens and Ones)
7. Select option > Numbers up to 999
8. Select option > 0 to 1000 - drag the H T O lifeguard floats to the correct place value column to save the swimmer!
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