**Grange Primary School**

**LEARNING LADDER 3**

**Add and Subtract-   Online Learning**

|  |  |  |
| --- | --- | --- |
| **What i am Learning** | **Game Link** | **Guidance** |
| **(A) I can add an subtract using numbers and pictures,**  | 1. [Funky Mummy](http://www.ictgames.com/funkyMummy/index.html)
2. [Danger Pit!](https://eng.mathgames.com/play/danger-pit.html)
3. [Subtraction Grid!](https://www.topmarks.co.uk/maths-games/subtraction-grids)
4. [Brainie](https://www.abcya.com/games/brainie_math_game)
5. [Number Fact Families!](https://www.topmarks.co.uk/number-facts/number-fact-families)
 | 1. Select + up to 20 OR – up to 20 > Solve the sum > click on the Mummy with the correct answer > Have a giggle! > if you get stuck click next to move on!
2. Play >> click 2 >select + or - > clicked correct answer as quickly as you can > avoid the TOXIC TIDE!!
3. Select Two Numbers > Up to 30 > Play > Solve what ? Is to complete the sum > click the number > check
4. Start > Classic > click touching blocks that make the target number to clear all > complete level > click next level
5. Select + and - > up to 20 > Use the 3 numbers, + and – to make 2 different adding sums and 2 different subtraction sums – they are all linked like a FAMILY! 😊 > click check
 |
| **(B) I can use a number ine and its connection to the jump strategy to add and subtract** | 1. [Jump strategy - EXPLAINED!](https://www.youtube.com/watch?v=nrCQ6CdBT9M)
2. [Jump to it!! (Cartoon)](https://www.youtube.com/watch?v=MUej3tfjXQM)
3. [QUICK DRAW! (just for fun!)](https://www.kidsmathgamesonline.com/counting/interactivecounting.html)
4. [Count On Catapult!](https://www.ictgames.com/mobilePage/catapultCountOn/index.html)
 | 1. Pencil and Paper Ready? Listen > Watch > COPY and DO!
2. Watch > Relax > Learn –a- long
3. Drag the interactive pen to connect the dots in order as QUICKLY as you can! It migth seem easy but don’t be fooled! Click play > play again
4. Start at the RED number > Pull catapult until you see the ‘COUNT ON’ number you need to get to end number > Let go! > did you hit the castle? > Next
 |
| **(C) I can skip count including counting on or back in tens** | 1. [Count On! (Cartoon)](https://www.youtube.com/watch?v=luw31Y66eyU)
2. [Adventure Man!](https://www.abcya.com/games/adventure_man_counting)
3. [Counting Forwards and Back! (Song)](https://www.youtube.com/watch?v=7stosHbZZZg)
4. [Quiz Time!](https://uk.ixl.com/math/year-2/skip-counting-by-2-3-5-and-10-with-tables)
5. [Take Away Tens!](https://www.topmarks.co.uk/maths-games/subtraction-grids)
6. [Depth Changer!](https://www.ictgames.com/mobilePage/depthCharger/index.html)
 | 1. Watch > Relax > Learn –a- long
2. Click (>) > Play > Read > Next > Click 10s coin > click first circle > jump on stones showing 10s pattern..carefulif you get it wrong you restart!
3. Watch > Sing ‘n’ Learn – a- long with Jack Hartmann!!
4. Click speaker to hear question (or read) > enter answer > click submit!
5. Choose One Number > Up to 100 (tens) > Choose a number which fits (?) making sure the sum makes sense > check
6. Adding ten! > Go > Solve the sum> the RED line and the pictures help you solve> enter answer on calculator > click FIRE> are you correct?
 |
| **(D) I can use different strategies (near doubes, adjusting , part-part –whole) when solving addng and subtracting problems** | 1. [Different Ways!](https://www.youtube.com/watch?v=D__1z1A5A5k)
2. [Break the Bank!](https://www.abcya.com/games/break_the_bank_counting)
3. [Number Bubble!](https://www.abcya.com/games/number_bubble_skip_counting)
4. [Lucky 15!](https://www.kidsmathgamesonline.com/counting/countingstrategy.html)
5. [How to ..PART - PART - WHOLE](https://www.youtube.com/watch?v=vzeeaxLQDkE)
6. [DOUBLES archery!](https://www.ictgames.com/mobilePage/archeryDoubles/index.html)
7. [NEAR DOUBLES (Cartoon)](https://www.youtube.com/watch?v=EAOIn8e8Pqc)
 | 1. Watch > Relax > Learn –a- long
2. Click (>) > (>) se arrows to llok at what each dollar note is worth (interesting isn’t it?) > then click play > Tap the piggy bank until it breaks > using one of your strategies add up ALL notes and click on answer > check > next piggy bank will appear
3. Skip Counting > click ( > ) > select a number to skip count by > look at numbers in chest > pop the bubblews over the chest the number fits in according to skip count order
4. \*\*CHALLENGE\*\* Versus Computer: Make the number 15 using 3 numbers before the computer does! > Click Start > REad > Start
5. Pencil and Paper Ready! Listen > Watch > COPY and DO!
6. Read doubles Q > click correct answer on target > next
7. Watch > Listen > Play and Learn-a-long!
 |
| **(E) i can solve and make number stories including one or two steps** | 1. [Balloon Flight!](https://www.ictgames.com//mobilePage/balloon/index.html)
2. [Clear it!!](https://www.abcya.com/games/clear_it_addition)
3. [Twighlilght Take away!](https://www.ictgames.com/mobilePage/fireFly/index.html)
4. [Marble Drop!](https://www.abcya.com/games/marble_drop_addition)
5. [Subtaction Sentences!](https://uk.ixl.com/math/year-2/ways-to-make-a-number-subtraction-sentences)
6. [Handy Counters!](https://www.ictgames.com/mobilePage/handyCounters/index.html)
7. [Chain Sums](https://www.mathplayground.com/chain_sums.html)
 | 1. Solving 2 step addition > Selet level 3 > add the ballon numbers together > click numbers to make answer > click white arrow before the balloons fall!
2. Click (>) > Go > create number sentence that makes target number > keep going until you CLEAR IT!
3. Select Numbes Up to 50 > Next > Solve Number story using Part Part Whole picture clues > select answer > Enter > Next
4. Click (>) > Go > Read instructions > click screen > catch marbles to make number sentence for target number > click + when you think you have it right! ( – empties penguin’s bowl if you want to drop marble)
5. Clcik speaker listen to number sentences > can you fill in the missing sentence in the number story? > type it in > clck submit
6. Read Number story > Use arrows to select how many counters there are altogether > how many counters can you see? > How many must be under the hand? > click on hand to check!
7. Click (>) > Level 1 > conect tiles to make target numbers > click tile then click where you want it to go to move it > Good Luck!
 |
| **(F) I can recognise and use add, subtact and equals symbols and can enter simple sums using these keys on a calculator** | 1. [Colour me Calculator! (Video)](https://www.youtube.com/watch?v=D2tOLJcgpLo)
2. [Maths is ALL AROUND!](https://www.kidsmathgamesonline.com/pictures.html)
3. [Calculator Scales!](https://www.ictgames.com/mobilePage/scales/index.html)
 | 1. Watch > Relax > Learn –a- long
2. Click on some of the pictures we might see in every day life > find out what they are and what they mean
3. Click (?) > Enter sums using the calculator keys on each side > press power key > what do you notice hen the sums aren’t equal? (introduces **less than (<)** and **greater than (>)** symbols)
 |