



Number

Outdoor activities

- Number grid



Create a number grid using natural materials – add items horizontally, vertically, diagonally, take some items away to create missing number sentences

- Counting and ordering



Find items inside or outside home to count, order in size, add 2 groups together, take away and write answer/find number from selection

- Dice game

Throw large dice if possible or write numbers to 6 on paper, mix together and pick out 2 numbers. Make groups of numbers, use to add/subtract/multiply/divide etc.



- **Chalking number sentences on pavement to follow path**



Create number sentence course with student for student to answer and move along path

- **Number pebbles**



Write numbers on pebbles with student – can make small and large numbers together. Pick pebbles out and use to add, subtract, multiply, divide, find how many tens, ones, find more/less, add 10 more etc

- **Flower pot maths**



Number flowerpots with student and throw ball into pots – use to make addition/subtraction game. Add 3 numbers together and find the total

- **Numbers chalking**



Chalk/draw shapes for practising multiplication, addition, different ways to make 10, 20

- **Throw balls into bucket**



- Choose different numbered items to make amount in bucket. Can you make amount another way? Add, subtract, multiply, divide.

Indoor activities

- **Card games**



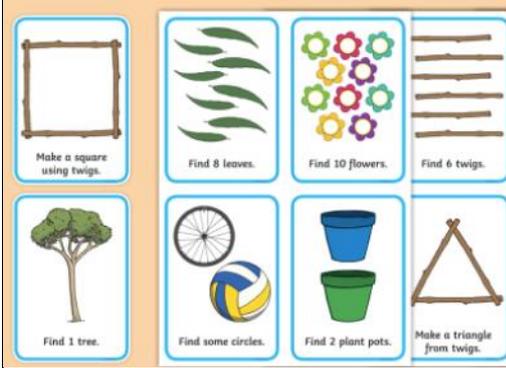
Use playing cards to play number games with student – make numbers, snap, pairs, find two cards to make number, different ways to make number

- **Numbered pegs**



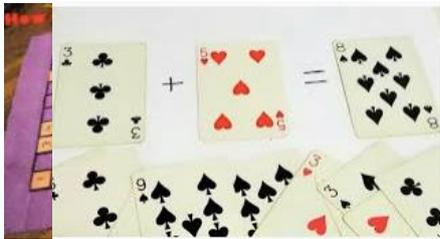
- Can you match numbers on pegs, add and subtract numbers? Use range of numbers – make doubles, halves, quarters in row of pegs

- **Maths trail**



Can do this activity in or outside – use number for student to follow clues – could make 2s, 5s 10s – use with Jack Hartman counting songs

Number grid



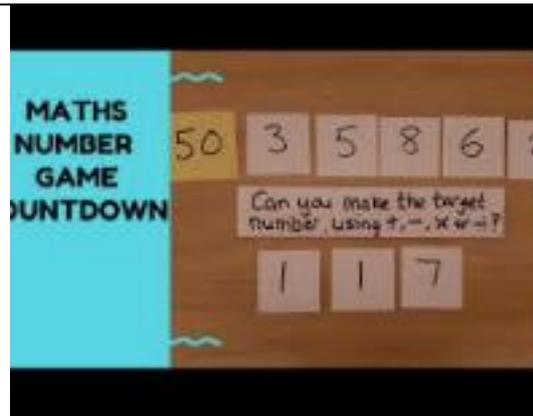
Make cardboard number grid with student using as many numbers as appropriate. Choose number to find that many items/add to another number/take away from larger number/missing number/ count in 2s, 5s, 10s. Make into snakes and ladders board game to play.

- Dominoes



Use or make own dominoes – match/add/multiply total numbers together etc.

- Countdown



Give student numbers to make target number

Worksheet based activities

- **Twinkl**

Twinkl has a wealth of worksheets for your children but you do need to set up a FREE account which lasts a month. Search for 'number' in the search bar at the top and plenty of worksheets will come up.

How do I sign up?

Step 1: Go to www.twinkl.co.uk/offer

Step 2: Enter the code CVDTWINKLHELPS

- **Snappy maths** - <http://www.snappymaths.com/>

Snappy maths has a wide range of free worksheet resources covering number activities at all levels for students.

YouTube videos

- Ten little numbers: <https://www.youtube.com/watch?v=dk9Yt1PqQiw>
- Numbers and counting songs: <http://thesingingwalrus.com/videos-and-songs/>
- Big numbers song: <https://www.youtube.com/watch?v=e0dJWfQHF8Y>
- Jack Hartman - range of number songs including counting forwards, backwards etc. Includes fitness actions to songs
- <https://www.youtube.com/channel/UCVcQH8A634mauPrGbWs7QIQ>
- Spiderman counting song: <https://www.youtube.com/watch?v=L9md4L2pAVQ>

Online Activities and Games

General number resources for all year groups:

- <https://www.topmarks.co.uk/maths-games/5-7-years/counting> - really good site with links to many other educational sites for all Key stages and subjects
- <https://www.bbc.co.uk/bitesize> - lots of games and ideas
- <https://mathszone.co.uk/> - includes tablet friendly games
- <https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/> - practising maths skills using games, activities and videos
- <https://mathsframe.co.uk/en/resources/category/22/most-popular> - some free resources on site
- <http://www.ictgames.com/> - really good website for maths and literacy games. Games can be differentiated as needed
- <https://www.themathsfactor.com/> - Carol Vorderman maths site – currently offering free games to support students at home

Numbers

0

1

2

3

4

5

6

7

8

9

10

11

Numbers

1

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20

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	25	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

