

120 Chart Puzzles

Description: A hundred chart puzzle is a great way for students to develop number sense. Now, with the common core standards having counting to 120 instead of to 100, 120 charts are becoming the norm. I've created these 120 chart puzzles to let students become more familiar with the 120 chart.

Common Core Standard

Count to 120, starting at any number less than 120. In this range, read and write numerals and number of objects with a written numeral.

Math.Content.
1.NBT.A.1



Preparation

Description: Print the puzzles out on card stock or other heavy paper to insure that they last longer. Cut them out and store them in envelopes when not in use.

Game Directions

Description: Students can work in pairs or individually to complete the puzzles.

Give each student an envelop with a puzzle.

Ask them to create a 120 chart with the puzzle pieces.

Tell them that they can use patterns to help them complete the puzzle.

Puzzle 1

The puzzle consists of a grid of numbers from 1 to 80, arranged in a staircase pattern. Each number is contained within a dashed rectangular box. The numbers are arranged as follows:

8	9	10	41	1	2			
			20	51	52	11	12	
		13				21		
	22	23	30	61	62			
31	32		40	71				
						3	4	
	58	55	56	57			14	
67	68		66	19			24	
77	78			29				
			38	39		59	60	
			48	49	50	69	70	
						79	80	
	5	6						
	15	16						
			42	43	44	45	46	47

Puzzle 2

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	26	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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120