

Hundreds Chart and Dice

Task:

- Each student gets either a Hundreds Chart or uses a Hundreds Wall Chart (in teams of 2-4 students) and a die. Each student estimates how many rolls it will take to get to 100. Roll the die and colour the number of squares represented on the die. Continue rolling and colouring in alternate colours until the hundreds chart is filled in. This could be done with 2 dice and adding the total sums to complete. Students need to roll exactly to 100 to win.



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

Materials:

- Dice
- Hundreds chart

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Materials:

- Dice
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BIG Ideas

- There are a variety of appropriate ways to estimate sums and differences depending on the numbers involved and the context.
- A number tells how many are in a group. To count the number in a group, we often create subgroups and count the number of subgroups.
- You can add numbers in any order (the commutative property).



Curriculum Expectations

- Estimate the number or objects in a set, and check by counting.
- Counting forward by 1, 2, 5.
- Solve problems involving the addition of whole numbers.



Links...to other ideas using this manipulative:

- Literature Link: The Centipede's 100 Shoes
One Hundred Hungry Ants – Elinor J Pinczes
- Poem – One Hundred is A Lot – by Miesh Goldish
- Finding Addition Patterns: <http://tinyurl.com/gpuv3rp>



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