GRADE 1

MEANINGFUL MATH

1.NBT.C

NUMBER AND OPERATIONS IN BASE TEN

Use place value understanding and properties of operations to add and subtract

MEANINGFUL MATH

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ARTISTIC CREDITS

KG Fonts

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WHAT IS INCLUDED IN THIS RESOURCE?

Activity	Pages	STANDARDS TARGETED		
		1. NBT.C.4 Adds multiples of 10 to 2-digt number. Adds 1-digit to any 2-digit number.	**1.NBT.C.5** Fluentyly adds & Subtracts 10 from any 2-digit number.	**1.NBT.C.6** Subtracts multiples of 10 from any 2-digit number.
Adding Ten with Ten-Frames	Members Only		•	
Subtracting Ten with Ten-Frames	Members Only		•	
Adding Tens with Ten-Frames	Members Only	•	•	
Subtracting Tens with Ten-Frames	Members Only		•	•
Build and Add Ten	40 - 46		•	
Build and Subtract Ten	Members Only		•	
Build and Add Groups of Ten	Members Only	•	•	
Build and Subtract Groups of Ten	Members Only		•	•
Race to 50	Members Only	•		
Race to 100	Members Only	•		
Reorganize Tens and Ones	Members Only	•		

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BUILD AND ADD TEN

STANDARD

1.NBT.C Use place value understanding and properties of operations to add and subtract.
(**1.NBT.C.4 & 1.NBT.C.5**: Adding ten to a two-digit number)

OVERVIEW

One of the keys to being able to add within 100 is being able to add ten to any two-digit number. Using concrete models and visuals based on place value is not only part of the first grade standards, it is an essential part of building conceptual understanding of what it truly means to add ten.

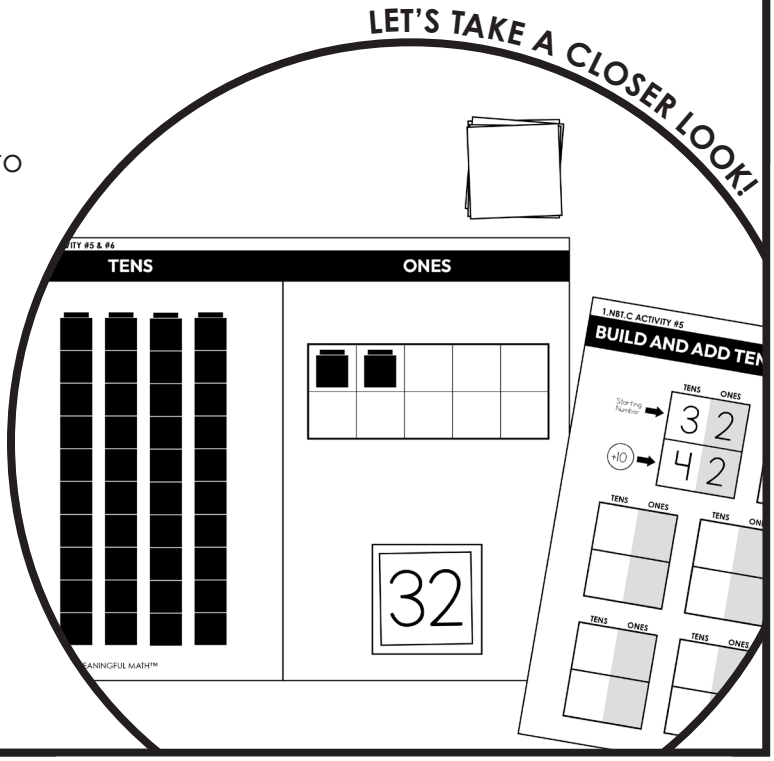
In this activity, students first create a visual representation of a two-digit number with connecting cubes, making trains of ten and extra ones. Then, they physically add another train of ten to their representation and determine their new value. The recording page is specifically designed to help students see the pattern of adding ten to any number.

MATERIALS

- Activity Mat (provided)
- Numeral Cards (provided)
- Recording Page (provided)
- Connecting Cubes (not provided)

DIRECTIONS

1. Select a numeral card
2. Build the number of tens on the activity mat using trains of connecting cubes
3. Count out the number of connecting cubes to represent the amount of ones
4. Record the number on your paper
5. Add another train of ten to your activity mat
6. Determine the value of your new representation
7. Record that number on your paper



EVIDENCE

Student can add ten to any two-digit number using concrete models based in place value

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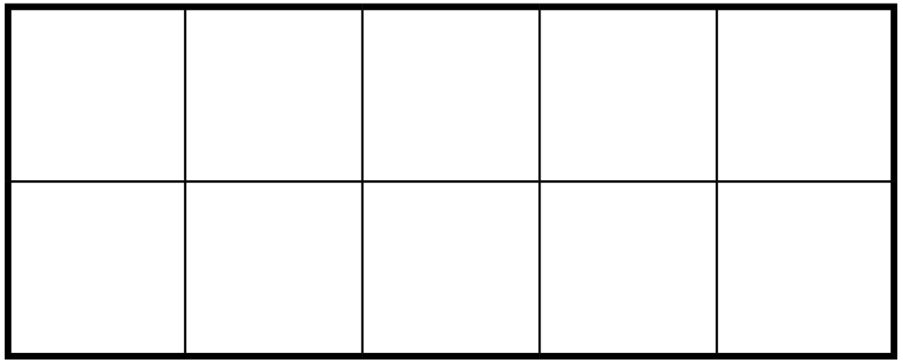
TENS

ONES



Your Number Goes Here

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NAME: _____

BUILD AND ADD TEN



Starting Number

+10

TENS	ONES

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1.NBT.C ACTIVITY #1 & 5

11	15	19	23	27
12	16	20	24	28
13	17	21	25	29
14	18	22	26	30

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1.NBT.C ACTIVITY #1 & 5

31	35	39	43	47
32	36	40	44	48
33	37	41	45	49
34	38	42	46	50

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1.NBT.C ACTIVITY #1 & 5

51	55	59	63	67
52	56	60	64	68
53	57	61	65	69
54	58	62	66	70

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1.NBT.C ACTIVITY #1 & 5

71	75	79	83	87
72	76	80	84	88
73	77	81	85	89
74	78	82	86	90

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