

Montessori Math at Home

11-20

When a child has mastered comprehension of 1-10 (consistently demonstrating the ability to grasp a quantity and its corresponding numeral ie: "I put six counters under the numeral 6") then they are ready to explore the next grouping of numbers 11-20. Before we teach teens in the Montessori classroom we have our students get to know the Short Bead Stair as the specific color coding of numbers is used when teaching the teens and further used in basic operations such as addition. Each number has a different color and 10 is always Gold. This lays the foundation for more challenging math work in the Montessori Curriculum and we call it the Ten Bar. So when we put 10 (gold) next to 1 (red) we ask the child to count how many are total and then to find the numeral that says 11 then we put a 10 (gold) next to a 2 (green) and find the numeral 12. We continue this way up to 19 and it is important to take care with 13-16 as children often hear these numerals counted quickly and they sound similar so often they are mixed up in a child's mind even when just counting without numeral correspondence.

<https://livingmontessorinow.com/montessori-monday-diy-montessori-teen-and-ten-boards/>



Refer to the Short Bead Stair for color to number correspondence.



Ten Boards:

○○○○○○○○○○○○	11			
○				

○○○○○○○○○○○○	12			
○○				

○○○○○○○○○○○○	13			
○○○				

○○○○○○○○○○○○	14			
○○○○				

○○○○○○○○○○○○	15			
○○○○○				

○○○○○○○○○○○○	16			
○○○○○○○				

○○○○○○○○○○○○	17			
○○○○○○○○○				

○○○○○○○○○○○○	18			
○○○○○○○○○				

○○○○○○○○○○○○	19			
○○○○○○○○○				

.....	0
○○○○○○○○○○○○	

.....	1
○○○○○○○○○○○○	

.....	2
○○○○○○○○○○○○	

.....	3
○○○○○○○○○○○○	

.....	4
○○○○○○○○○○○○	

.....	5
○○○○○○○○○○○○	





.....	6
○○○○○○○○○○○○	

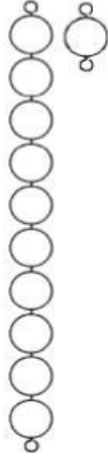
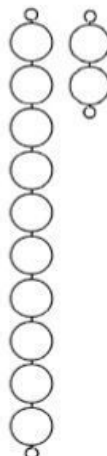
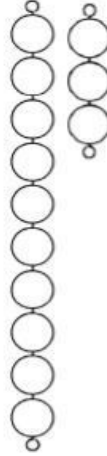

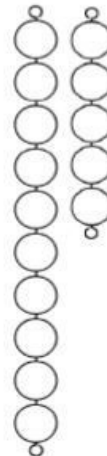
.....	7
○○○○○○○○○○○○	

.....	8
○○○○○○○○○○○○	

.....	9
○○○○○○○○○○○○	



 $10 + 1 =$	 $10 + 2 =$
 $10 + 3 =$	 $10 + 4 =$

11	12	13	14	15
				
16	17	18	19	20
