

Brain Warm Up

1. Random partners
2. Introduce yourself
3. Solve the following problem on the whiteboard provided. Do not share your answer with others until asked to do so.

Problem

The LEGO structure is built from one type of brick, 2x4.

How many 2x4 bricks are used to build this structure?

You may walk around and look closely, but you may NOT TOUCH the structure.

Short Diagnostic

This task is to see where you are at both individually and as a class.

It does not count for marks, but it does help me know where and one what topics we need to spend time.

Please do your best, you may not be able to answer all the questions, that is absolutely ok.

No calculators or phones at this point in time please.

Counting By Two's, Five's, Ten's

Warm Up

What are the next five numbers in the following patterns:

(a) 0, 1, 2, 3, 4, __, __, __, __, __

(b) 1, 0, 1, 0, 1, __, __, __, __, __

(c) 3, 2, 1, 3, 2, __, __, __, __, __

What are the next five numbers in the following pattern:

2, 4, 6, 8, 10, __, __, __, __, __

Do you notice any trends in the numbers?

What are the next five numbers in the following pattern:

5, 10, 15, 20, 15, __, __, __, __, __

Do you notice any trends in the numbers?

What are the next five numbers in the following pattern:

10, 20, 30, 40, 50, __, __, __, __, __

Do you notice any trends in the numbers?

Task - Counting by 2,5, and 10

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Task – Counting by Two’s, Five’s and Ten’s

Name: _____

Complete the following tables to have as a reference. These three patterns are super important.

Counting by Two's	Practice #1	Practice #2
2		
4		
10		
18		
24		

Counting by Five's	Practice #1	Practice #2
5		
15		
30		
50		

Counting by Ten's	Practice #1	Practice #2
10		
40		
90		

I can say the entire pattern without errors – check box – teacher initials.

Complete the following tables to have as a reference; more challenging patterns, only if you are up for it.

Counting by Three	Practice #1	Practice #2
3		
9		
15		
24		
30		

Counting by Seven	Practice #1	Practice #2
7		
28		

Counting by Nines	Practice #1	Practice #2
9		
27		

I can say the entire pattern without errors – check box – teacher initials.