MATHEMATICAL ACTIVITIES

GRADE THREE

STRAND: <u>NUMBERS</u>

SUB: STRAND: <u>Addition</u>

1. Addition is the total of two or more numbers.

Other terms that mean addition are;

a. Altogether

b. Plus

c. Total

d. Sum

e. Add

2. There are different ways of adding e.g

   a. Counting on

   b. Number line

   c. Doubles

   d. Place value chart with regrouping (carry over)

   e. Addition wheel

   f. Breaking apart

   g. Addition machine

   h. Place value chart with regrouping.

ADDITION USING A NUMBER LINE

Playing digital games involving addition is one of the learning experiences.

We are going have fun adding using a number line in an online game .follow the instructions below. Click on the link in blue below to start

Press Enter,

click on Maths game

Click on addition using a number line

Activity

1. 406+11=
2. 915+14=

a. **Place value chart with single regrouping (carry over)**

   Example

615+16=

hundreds	Tens	Ones
	1	
6	1	5
+	1	6
6	3	1

5 ones plus 6 ones= 11 **regroup** – ones and tens 1 ones and 1 tens

Write 1 ones and carry over 1 ten to tens column

Add 1 tens+ 1 tens = 1 tens= 3 tens records in tens column

Drop the 6 hundreds.

Activity

1. 914+28=

hundreds	Tens	Ones

2. 519 + 18=

hundreds	Tens	Ones

C. Adding using doubles

When adding using doubles add the two similar numbers first then add the third number.

Example

a. 7 + 7+8=

14+ 8= 22

Activity

1. 6+7+6=   2. 5+ 9+9=

D.   ADDING USING BREAKING APART

Breaking apart is expanding.

Adding three-digit number using breaking apart – (expanding)

Example

453

+415

868

400	50	3
+ 400	10	5
800	60	8
8	6	8

<u>Work out this exercise</u>

1. 616

   +212

   ☐

2.   715

   +143

   ☐

<u>WORKING OUT MISSING NUMBERS USING ADDITION</u>

Example

2^{+2}, 4^{+2}, 6^{+2}, 8^{+2}, 10^{+2}, <u>12^{+}</u>, <u>14^{+2}</u>

 <u>Exercise</u>

   1. 5, 10, 15, 20, _____, _____,_____

   2. 200, 300, 400, 500, _____, _____, _____.

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