ODM EDUCATIONAL GROUP
Changing your Tomorrow

SESSION : 12
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 3
CHAPTER NAME : ADDITION
SUBTOPIC : ESTIMATION (NEAREST 1000)

Website: www.odmegroup.org
Email: info@odmps.org
Toll Free: **1800 120 2316**
Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

LEARNING OBJECTIVE :

Children will learn :

***To find a value that is close enough to the right answer**

***To find an answer which is broadly correct, say to the nearest 1000, if you are working with bigger numbers.**

*** To calculate on quantities of various works & their expenditure, done by the experts of the relevant field before it is executed.**

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

RULE TO ROUND OFF TO NEAREST 1000 :

1st step:See the next place to the right of the thousands place.

2nd step:See the digit in the hundreds place of the given number.

3rd step: Check whether it is more than or equals to 5 or less than 5.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

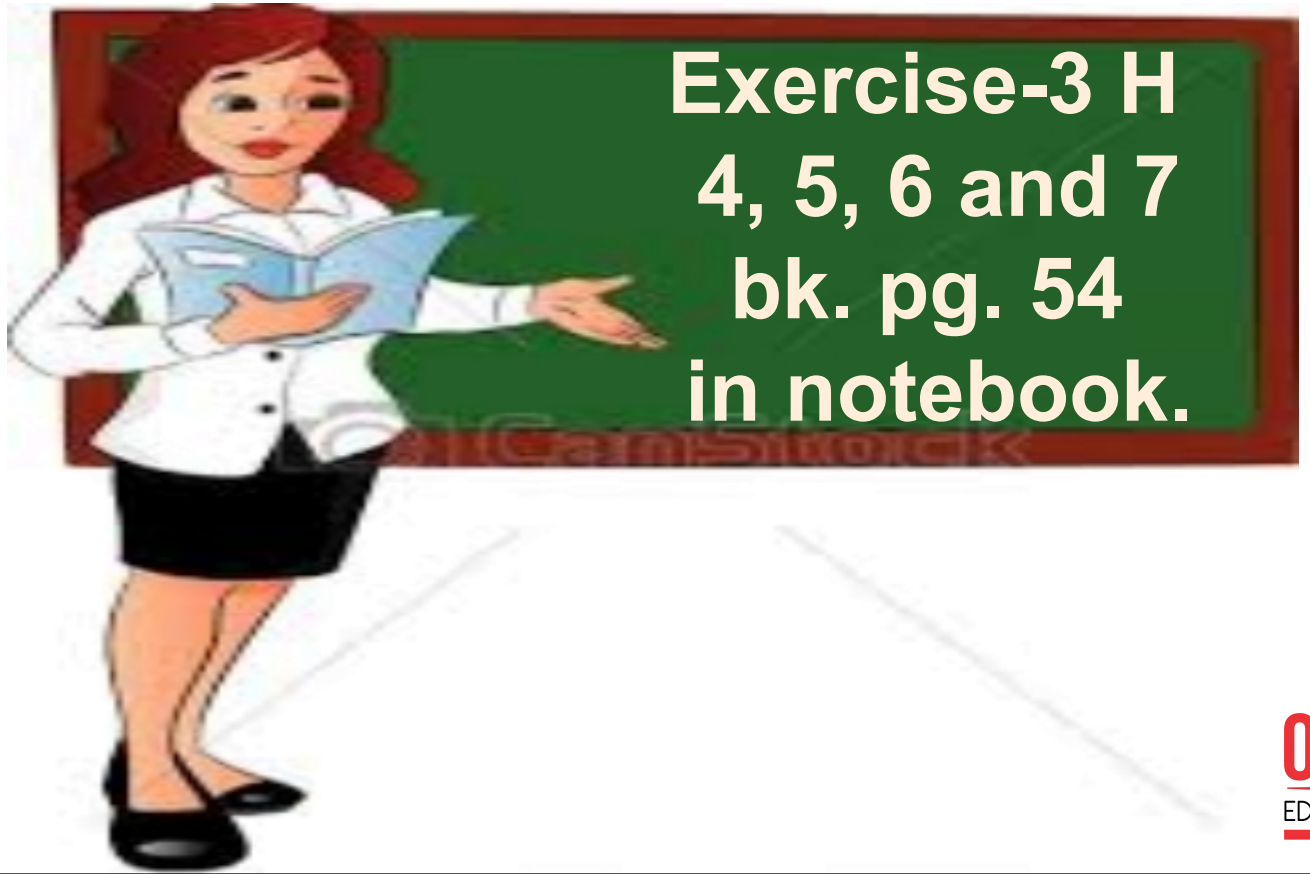
4th step: If it is more than or equals to 5, then add 1 to the thousands place and put 0 in hundreds, tens and ones place. That means Round up.

5th step: If it is less than 5, there will be no change to the thousands place and put 0 in hundreds, tens and ones place. That means Round down.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)



ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

4. Estimate the following numbers to the nearest 1000.

(i)

3 < 5

4349 → 4000

(ii)

2 < 5

3215 → 3000

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

(iii)

1 < 5

2175 → 2000

(iv)

2 < 5

1256 → 1000

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

5. Estimate the following numbers to the nearest 10, 100 and 1000.

		Nearest 10	Nearest 100	Nearest 1000
(i)	8345	8350	8300	8000
(ii)	7875	7880	7900	8000

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

		Nearest 10	Nearest 100	Nearest 1000
(iii)	4837	4840	4800	5000
(iv)	3498	3500	3500	3000

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

6. Estimate the following sums:

(i) 326 + 4512 + 1234 + 3215 (to nearest 10)

On rounding off to the nearest 10, we get

330 + 4510 + 1230 + 3220 = 9280

```
   1
     3 2 0
   4 5 1 0
   1 2 3 0
+  3 2 2 0
-----------
   9 2 8 0
```

(ii) 1251 + 2341 + 3276 + 4127 (to nearest 100)

On rounding off to the nearest 100, we get

1300 + 2300 + 3300 + 4100 = 11000

```
 1 1
   1 3 0 0
   2 3 0 0
   3 3 0 0
+  4 1 0 0
-----------
 1 1 0 0 0
```

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

(iii) 3456 + 1278 + 2567 + 1837

On rounding off to the nearest 1000, we get

3000 + 1000 + 3000 + 2000 = 9000

$$\begin{array}{r} 3000 \\ 1000 \\ 3000 \\ +\ 2000 \\ \hline 9000 \end{array}$$

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

7. Estimate the following sums to the nearest 1000:

(i) 4567 + 2137 + 835 + 1356

On rounding off to the nearest 1000, we get

5000 + 2000 + 1000 + 1000 = 9000

```
  5000
  2000
  1000
+ 1000
------
  9000
```

(ii) 1356 + 1567 + 4321 + 8345

On rounding off to the nearest 1000, we get

1000 + 2000 + 4000 + 8000 = 15000

```
    1
  1000
  2000
  4000
+ 8000
-------
 15000
```

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)

(iii) 3456 + 1278 + 2567 + 1837

On rounding off to the nearest 1000, we get

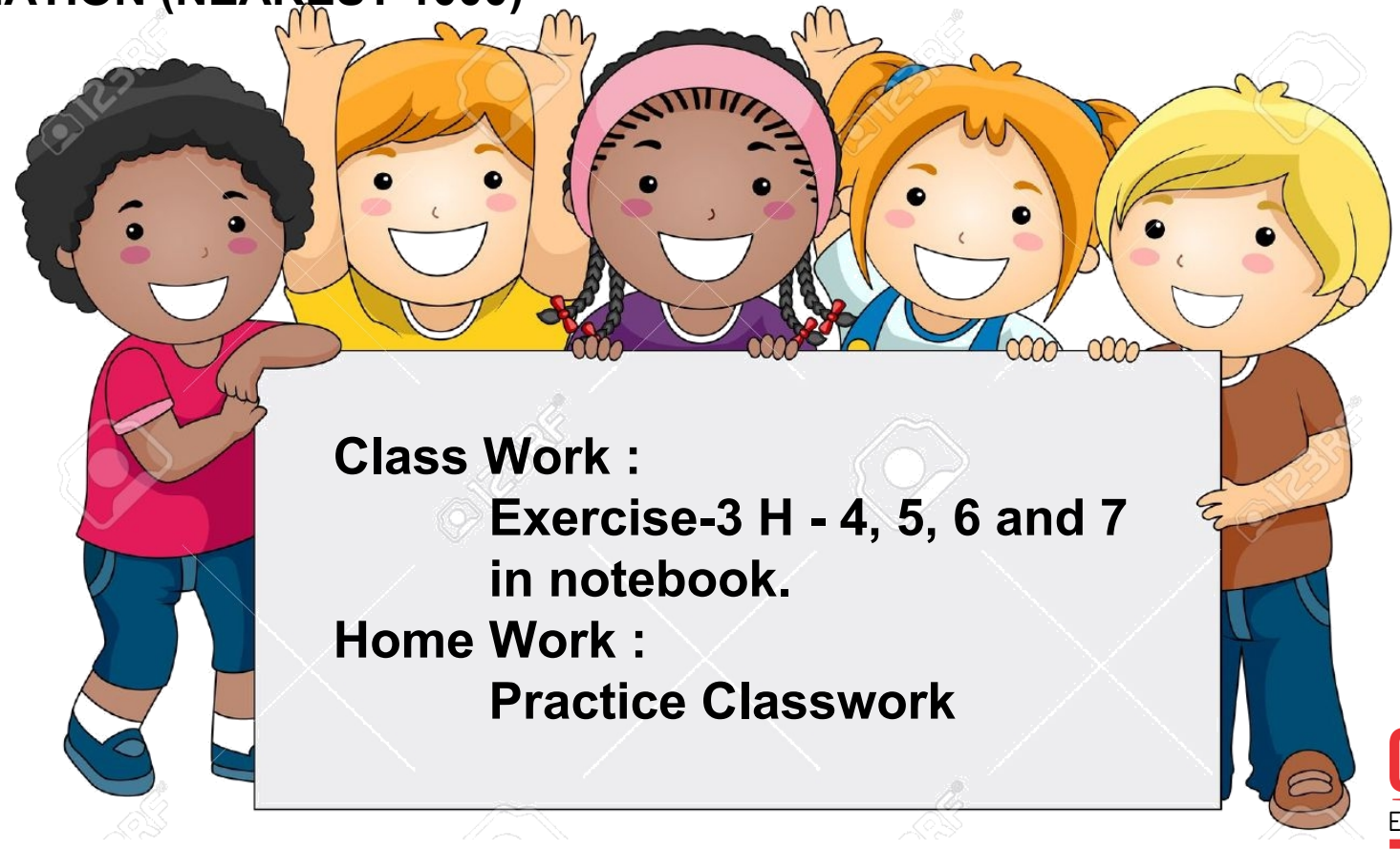
3000 + 1000 + 3000 + 2000 = 9000

$$\begin{array}{r} 3000 \\ 1000 \\ 3000 \\ +\,2000 \\ \hline 9000 \end{array}$$

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ADDITION

ESTIMATION (NEAREST 1000)



Class Work :

Exercise-3 H - 4, 5, 6 and 7 in notebook.

Home Work :

Practice Classwork

ODM EDUCATIONAL GROUP

Changing your Tomorrow

LEARNING OUTCOME:

Students will be able to find a value that is close enough to the right answer, to find an answer which is broadly correct, say to the nearest 1000, if you are working with bigger numbers and to calculate on quantities of various works & their expenditure, done by the experts of the relevant field before it is executed.

ODM EDUCATIONAL GROUP
Changing your Tomorrow

ODM EDUCATIONAL GROUP
Changing your Tomorrow