

DECIMALS III (P5)

PART 1 - INTERACTIVE GAME: CONNECT FOUR! (10 MINUTES)

Materials: Connect Four Playing Cards, Connect Four Game Board

1. Group the class into 2. It can be girls vs boys etc.
2. Each group will be given a game board. The playing cards will be placed face down in the middle of each group.
3. On the count of 3 by the coach, a person from each group selects a card from the pile and shows it to their group.
4. They will have to solve the problem printed on the card and then find the answer on the board game. They can cover the answer by covering it with a paper or by crossing that number out.
5. The first group to connect all four numbers in a row (horizontally, vertically or diagonally) wins the game!

**PART 2 - TEACHING 1: DIVISION WORD PROBLEMS
(20 - 30 MINUTES)
STEP 1 & 2: ENROLL & EXPERIENCE**

Coach goes through all of the questions from the game with the class.

STEP 3 & 4: DEMONSTRATE & LABEL

Coach revises conversion of units in division and goes through division of decimals in word problems.

Conversion of units (Example):

- metres to centimetres, kilograms to grams, litres to millilitres.

Questions:

- 0.501 litres to ml
- 4.35 kg to g
- 2.05 kg in kg and g
- 5.32 litres to litre and ml
- 23 m to km

Division of decimals in word problems:

- Taking note of the units used for every number.
- Dividing of decimals by a whole number: single digit and by tens, hundreds and thousands. Eg: $5.6 \div 4$, 12 litres \div 48 (answer in millilitres)

STEP 5: REVIEW

Coach goes through the steps of converting units in decimals and division in decimals.

STEP 6: CELEBRATE

Praise the effort of the students to learn.

PART 3 - LEVEL 1 (15 MINUTES)

Intensive Maths Drills P6

EXERCISE 2(pg 109): 5 - 10

PART 4 - LEVEL 2 (20 MINUTES)

Intensive Maths Drills P6

EXERCISE 1(pg 111): 1, 3, 7, 8

PART 5 - BREAK (15 MINUTES)

Coach tells a motivational story to the class.

PART 6 - TEACHING (5 MINUTES)

Coach goes through the questions which the class or students have difficulty in.

PART 7 - LEVEL 3 (20 MINUTES)

Intensive Maths Drills P6

EXERCISE 1(pg 116): 5, 6
EXERCISE 2(pg 118): 2

PART 8 - HOMEWORK (5 MINUTES)

Intensive Maths Drills P6 Level 3

EXERCISE 1(pg 116): 7 - 10
EXERCISE 2(pg 118): 5, 6