



LESSON PLAN TEMPLATE: INDIRECT METHOD

Grade 4: Mathematics

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LESSON PLAN TEMPLATE: INDIRECT METHOD

Grade: 4 (Term 3, Lesson 2)

Learning Area: Mathematics

Topic: Problem Solving

SILENT SITTING:

Sit upright in your chair with your spine straight. Keep your focus on the beautiful picture on the board. Try not to blink, breathing in and out gently. Now breathe into the count of 5, hold for 5 and breathe out gently for 5. Repeat a few times because this exercise is beneficial for focusing for the Maths lesson. Who can give me the answer to $5 \times 5 \times 5$

VALUE: Peace

SUB VALUE: Discipline/ Focus

CONTENT:

A) AS PER CURRICULUM (*May use your required template as per National protocol or this part*)

1. Concepts and skills

Life is riddled with problems. There are skills to solve these problems. In Maths: To solve a problem- one can make the problem simpler by drawing a diagram, highlight the important information.

2. Mental maths:

Recite 2 and 3 times table, Round off to the nearest 10.
Recite 5 times table.



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B) INTEGRATION:

1. *Within Learning Areas*

A school ordered 175 packs of masks, each packet has 12 masks. How many masks were there altogether?

REMEMBER 2 steps when attempting word problem:

Read the problem 2 or 3 times

Underline the important facts

Now ask yourself 3 Questions:

What information do I have?

What do they want me to find out?

What operation will I use?

$$\begin{array}{r} 175 \\ \times 12 \\ \hline 350 \\ 1750 \\ \hline 2000 \end{array}$$

NB: Check the calculation twice

2. *Between Learning Areas:*

English

Reading and comprehending of the question is very important. There must be understanding before application.

History

Mathematics is all about S.A.N.

S – SPEED

A – ACCURACY

N – NEATNESS

All the above must be in equal proportions for you to be an excellent Maths student.

3. *Into The Universe/ Cosmos/ Creation*

Look at an army of ants – they work together quietly as a team in a disciplined manner when they are collecting food. The ants would patiently pick up a crumb and take it to form a heap.

C) SELF REFLECTION:

Child asks himself/herself:

- Have I made any changes in my discipline at school - do I lead by example?



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- Have I made any changes in my discipline at home – have my siblings or parents noticed any changes in my attitude, behavior and respect for all?
- Am I being disciplined with my health and hygiene?



LESSON PLAN TEMPLATE: INDIRECT METHOD

Grade: 4 (Term 3, Lesson 1)

Learning Area: Mathematics

Topic: Common Fractions

SILENT SITTING:

Sit upright in your chair with your spine straight. Keep your focus on the beautiful picture on the board. Try not to blink, breathing in and out gently. Now breathe into the count of 5, hold for 5 and breathe out gently for 5. Repeat a few times because this exercise is beneficial for focusing for the Maths lesson. Who can give me the answer to $5 \times 5 \times 5$

VALUE: Love

SUB VALUE: Sharing

CONTENT:

A) AS PER CURRICULUM (*May use your required template as per National protocol or this part*)

Today we are studying 3D artwork - construct a bird feeder using recycled material

1. Concepts and skills

Terminology: Common, Equivalent, Mixed Improper

- What is a Fraction?
- Comparing Fractions
- Equivalent Fractions - Table Brick Wall
- Calculations with fractions – Addition and Subtraction
- Finding a fraction of a whole



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2. Mental maths:
 - Recite 2 and 3 times table, Round off to the nearest 10, Share objects equally
3. Meaning of a fraction
 - A fraction is a part of a whole. It is made up of a numerator and a denominator. Remember: Any number over the same number is equal to 1 whole
4. Learners will be given a fraction wall up to 8th's. Learners paste it in their books for further reference.
5. Equivalent fraction
 - The fraction wall is excellent to show equivalence. Other examples of an orange or pizza can be used. The value of sharing will be enhanced by the above.
6. Word problems:
 - $\frac{1}{5}$ of 50 students arrived at school without masks. How many students came with masks? 40 Students wore masks.

B) INTEGRATION:

1. Within Learning Areas

Mathematics is all about S.A.N.

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All the above must be in equal proportions for you to be an excellent Maths student.

2. Between Learning Areas:

Life skills; Sharing is caring – Learners need to understand the importance of sharing.

3. Into The Universe/ Cosmos/ Creation

- Share like a tree - its shade, fruit, breeze - without asking for anything in return.
- Share chores at home – many hands make light work
- Share resources and lunch with those who don't have at school.



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C) SELF REFLECTION:

Child asks himself/herself:

- Am I sharing with my friends at school?
- Am I sharing the chores with my sibling?
- I must remember that sharing is caring.
- I must also remember that everything belongs to GOD and when I share, HE will be happy.