



LESSON PLAN TEMPLATE: INDIRECT METHOD

Grade: 6

Learning Area: Mathematics

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Learning Area: Mathematics

Topic: Patterns and Functions - Algebra

SILENT SITTING:

Close your eyes and imagine that there is a candle burning inside your head. Let the light get brighter and brighter until it fills your whole head. Let it light up your brain so that you will be able to think clearly and well. Imagine that the same light is going from you to everyone in your class, so they will be able to think clearly too.

After this visualization the following points can be discussed with pupils:
You have the knowledge and ability inside your head already.
Regular use of this kind of visualization will help to improve your concentration.

Wishing for classmates what you wish for yourself (i.e., to do well) is more healthy than feeling envy or jealousy.

VALUE: Right Conduct

SUB VALUE: Dependability

CONTENT:

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

Today's lesson is based on identifying input and output values in functions. It will show how the output values depend on the input values. We will also identify rules to represent the pattern in the function. These rules describe mathematically how the output is dependent on the input. The information will be represented in flow diagrams and Tables linking specifically which output depends on which input.



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B) INTEGRATION:

1. *Within Learning Areas*

Dependability is love in action. You depend on many people in your life and many people depend on you. It's important that we appreciate those that we depend on. More importantly it's important that we serve those that depend on us with love.

2. *Between Learning Areas:*

English – Tenses. The relationship between past, present and future. Each tense depends on the other. E.g. Sit and Sat. You have to know your present tense in order to formulate the past or future tense of the words.

3. *Into The Universe/ Cosmos/ Creation*

We as human beings depends on Nature for many things, eg. Heat from the sun. Can you give us more examples?

Nature also depends on us. Our right action in Nature will protect its well-being e.g. Saving water. Our pets depend on us for food, love and caring. Can you find other ways that nature depends on our right conduct?

All aspects of creation are interdependent. Give examples.

C) SELF REFLECTION:

1. The teacher reflects on the lesson taught and on the self.
2. The learners must be encouraged to look within and check that they lovingly do the right actions to all who depend on them at:

School
Home
Community
Environment



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Learning Area: Mathematics

Topic: Space and Shape - Geometry

SILENT SITTING:

(Music in the background)

Take a deep breath and gently close your eyes. Imagine that you have a wooden bowl in the palms of your hands. The bowl is empty and should always be empty. The only thing that can fall into the bowl are the thoughts that creep into your mind. Softly and swiftly empty the bowl of the thoughts you put into the bowl. Continue breathing gently and slowly open your eyes and let's focus all thoughts on today's lesson.

VALUE: Peace

SUB VALUE: Concentration, focus, reflection

CONTENT:

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

Today's lesson focuses on space and shape in Geometry. Learners are expected to be able to recognize, visualize and name 3D objects in the environment. In doing so they practice love in thought. They need to concentrate and focus all thoughts on objects that they have seen or can see around them that is 3 dimensional. More focus in this lesson will be on rectangular prisms. Learners will look for rectangular shaped objects that have height.

B) INTEGRATION:

1. Within Learning Areas

In focus and concentration learners will be able to experience peace away from all other negative thoughts. Learners will be encouraged to always focus on that which is around them at a point in time. The importance of being in the moment and keeping all focus on what's around them. This will help them to appreciate all that is around them and see its purpose in their life.



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2. *Between Learning Areas:*

In English, learners are expected to do listening comprehension. That is to listen and focus on the teacher's voice and message and then answer questions on it. This is an excellent manner of being in the moment and concentrating, focusing, reflecting and being peaceful.

3. *Into The Universe/ Cosmos/ Creation*

Animals and plants are content and peaceful because they concentrate and focus only on what matters to them. They do not interfere with other plants or animals in terms of their natural purpose.

Are Human beings the same?

Are human beings always peaceful?

We were created to focus on one moment in time in order to function at our best potential.

c) SELF REFLECTION:

1. The teacher reflects on the lesson taught and on the self.
2. Learners will be encouraged to look at their ability to concentrate, focus and reflect.

Do you only focus on yourself at all times?

Do you mind other people's business?

Are you peaceful?



LESSON PLAN TEMPLATE: INDIRECT METHOD

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Learning Area: Mathematics

Topic: Number range for Multiples and factors

SILENT SITTING:

(music in the background)

Stand up straight and place both palms on the heart area. Breathe in gently and let's share our love through movement. (Movement will be demonstrated). Close your eyes slowly. Share your love with all of creation by expanding your arms as far out as possible. Now bring your arms in as you receive the love from the universe. Take it to your heart and then to the rest of your body passing the love to every part of your being. (Repeat 5 times). Gently open your eyes and let's begin our lesson with a heart filled with love.

VALUE: Truth

SUB VALUE: Unity in Diversity

CONTENT:

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

Learners will be able to find the factors of 2 digit and 3-digit numbers. They will be able to use divisibility rules, identify factors and find HCF and LCM of numbers. They will be able to see the similarities between different numbers and relate it to the HCF and LCM. They are thus uniting numbers based on their similarities.



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B) INTEGRATION:

1. *Within Learning Areas*

LCM and HCF: Look for the similarities, not the differences. How does this apply to people?

What are some of the differences between people?

What are the things that are the same about all people?

Can people have the highest common factors?

2. *Between Learning Areas:*

Science: Ecosystem

Plants and animals in the ecosystem are classified as to their similarities. Eg. Animals that eat only plants are called herbivores and carnivores are animals that eat only meat.

3. *Into The Universe/ Cosmos/ Creation*

Nature is consistent with their characteristics. Hence their similarities don't change with time. It is easy to unite plants and animals according to their similarities.

Is it that simple with human beings?

What are similarities about the way we were created?

Can we unite based on our similarities?

C) SELF REFLECTION:

1. Teacher reflects on the lesson taught and on the self.
2. Find the highest good quality that two children have (e.g., they both have brown eyes, black hair, both are funny, and both are kind). These are all common factors but what is the highest of these common factors? (Children will answer "kindness").

Look for the highest common factors (qualities) in you and your friends. What is the highest common factor of everyone in the school? in the world?

Discussion can be extended to talk about how people who share the highest common factor can work together to use this factor for the good of others.