

# LESSON PLAN

DATE: November 3, 2015

TIME: 12:47-1:47

CLASS: Cycle 1 Grade 2

DURATION: 60 minutes

SCHOOL: Bee Elementary School

## QEP Competencies

Mathematics:

Competency #1: To solve a situational problem related to mathematics.

Competency #3: To communicate by using mathematical language

## OBJECTIVES (CURRICULUM DOMAIN)

The objective of this lesson is to introduce students' understanding of 2-d shapes. Students will get the opportunity to explore different stations that each focus on shapes. Students will be able to identify certain characteristics of a geometric shape.

## GROUP SIZE & MATERIALS

Pencils, handouts that will be provided by the teacher, geometric shapes (already pre-cut), glue, manipulatives of geometric shapes, coloured pencils, toothpicks, play-doh.

## PROFESSIONAL COMPETENCIES:

### Communicate:

#### **1. To act as professional inheritor, critic and interpreter of knowledge or culture when teaching students.**

*I will connect student's experiences (their general understanding of what they already know about shapes) to the context of the lesson.*

#### **2. To communicate clearly in the language of instruction, both orally and in writing, using correct grammar, in various contexts related to teaching.**

*I will pace the instructions of each station so that there will not be any sort of confusion. I will encourage students to ask questions if they do not understand what is being introduced.*

#### **3. To develop teaching/learning situations that are appropriate to the students concerned and the subject content with a view to developing the competencies targeted in the programs of study.**

*When planning this lesson, I took into consideration of the different needs of my students. Each learning station that allows the learners to explore geometric shapes. Following*

*Gardner's Multiple Intelligences, I have incorporated interpersonal, body/kinesthetic, and existential intelligences into the lesson.*

**4. To pilot teaching/learning situations that are appropriate to the students concerned and to the subject content with a view to developing the competencies targeted in the programs of study.**

*I will be organized and motivate students to participate throughout the lesson. I will employ a student-centered teaching approach and encourage students as they visit each station.*

**6. To plan, organize and supervise a class in such a way as to promote students' learning and social development.**

*Supervising the class as they discover the stations will promote social development as it allows for interaction amongst each other.*

TIME	LESSON
20 Min.	<p><b>Introduction:</b> I will begin the lesson by telling students that we will be looking at geometric shapes today. I will tell students that we will be exploring shapes. There will be 3 different stations that will allow students to discover the characteristics of 2-d shapes. Students will be divided up into groups (Since there are 12 students, they will be working in groups of 4)</p> <p>The 1<sup>st</sup> station: In this station, students will explore different shapes. There will be shapes displayed on the table. Students will observe the shapes and fill out a hand-out. The hand-out asks attribute questions in regards to the different shapes. (Name of the shape, number of sides, equal sides, and what the shape looks like in relation to what they see in their life). I will explain the hand-out carefully to make sure that the students understand what is expected of them.</p> <p>The 2<sup>nd</sup> station: Students will be creating an illustration of their own using geometric shapes. There will be already pre-cut shapes (rectangles, squares, circles, rhombus, and triangles). Students will be given a hand-out where they will have to fill in how many shapes did they use along with what shape did they use the most/what shape did they use the least.</p> <p>The 3<sup>rd</sup> station: Students will create their shapes out of play-doh and popsicle sticks. There will be a handout provided for the student to fill out.</p>
45 Min.	<p><b>Development:</b></p> <ul style="list-style-type: none"> <li>Students will have time to explore each of the stations. There will be a set timer so that everyone has enough time to explore the shapes in a different way.</li> </ul>

TIME	LESSON
5 Min.	<p data-bbox="407 321 529 352"><b>Closure:</b></p> <ul data-bbox="407 363 1377 432" style="list-style-type: none"><li data-bbox="407 363 1377 432">• Once everyone has gone through each station we will go over what they liked/ what they didn't like about each station.</li></ul> <p data-bbox="360 548 521 579"><b>Evaluation:</b></p> <ul data-bbox="407 632 1346 783" style="list-style-type: none"><li data-bbox="407 632 1101 663">• Was the student able to identify geometric shapes?</li><li data-bbox="407 669 1130 701">• Was the student able to construct a geometric shape?</li><li data-bbox="407 707 1346 739">• Was the student able to understand the different attributes of a shape?</li><li data-bbox="407 745 1300 777">• Was the student able to follow directions and use the time wisely?</li></ul>