Technology-enhanced Learning - Activity Plan

**Name:** *Mohammed Wali Khan*

**Grade / Course:** *Mathematics 10*

**Length of Activity:** *50 minutes*

**Lesson Summary:**

Students will define and explain square and cube’s diagonal.They measure the area and volume. Solve various problem about square and cube.

**Lesson Objective:**

To provide students with an opportunity to develop their skill about two and three dimensional matter. They can difference between square and cubes diagonal and area.

# Resources/Technology – Teacher

Interactive Whiteboard

Projector, Multimedia Sound System, Puzzles etc.

# Resources/Technology – Students

Computer Lab or Student Laptop setting, personal access to the Internet, paper, pen.

# Intended Learning Outcomes

* Students will learn about Square and three dimensional cubes definition.
* Students will explain about plane of square and three dimensional cubes diagonal. They can measure volume and total area of cube. They solve any mathematical difficulties about this matter.

# Instructional Activities

The teacher will review and present materials using interactive whiteboard examples to the whole class. Teacher to provide instructions on how to define square and cube’s diagonal. Square and Three dimensional cube related web links to the resources provided to students. (15 minutes)

Students are given time to complete the lesson activities. (35 minutes)

# Learner Assessment

Student completion of Mathematical problem about this matter.