Metric 9 hole Golf Course

Purpose: Students will practice with measuring in metric system, and learn to follow written directions.

Materials: Paper, pencils, metric ruler

Procedure: Construct a rectangular golf course 18.0-cm x 24.0 centimeters. Mark an entrance with a point on the bottom 4.0-cm from the lower right corner with the sheet lengthwise in front of you. The clubhouse borders two sides of the course and is in the lower right hand corner. It is a square building and has dimensions of 2.0 cm x 2.0 cm. Draw the outline of the building. Locate, mark, and number the 9 holes of the golf course according to the following directions:

Hole one: 2.0 cm above the upper left corner of the clubhouse.

Hole two: 3.0 cm in and 10.0 cm up from the lower right corner of the course.

Hole three: 1.0 cm down and 5.0 cm left of the upper right corner of the course.

Hole four: 4.0 cm below the center of the upper border.

Hole five: 10.0 straight left of hole four.

Hole six: 3.0 cm in and 7.0 cm down form upper left corner of course.

Hole seven: 1.0 cm in from center of left side.

Hole eight: 3.0 cm up and 10.0 cm over from lower left corner of course.

Hole nine: 3.0 cm up and 4.0 cm left of entrance.

Conclusion questions:

1. Compare your course with others in your class, does it match with other students?

2. State a reason why yours or another students in the class may be different?

3. Do all people measure the exactly the same?

4. Which of the five senses does this exercise use?

5. What sense does your ruler extend beyond the normal range?