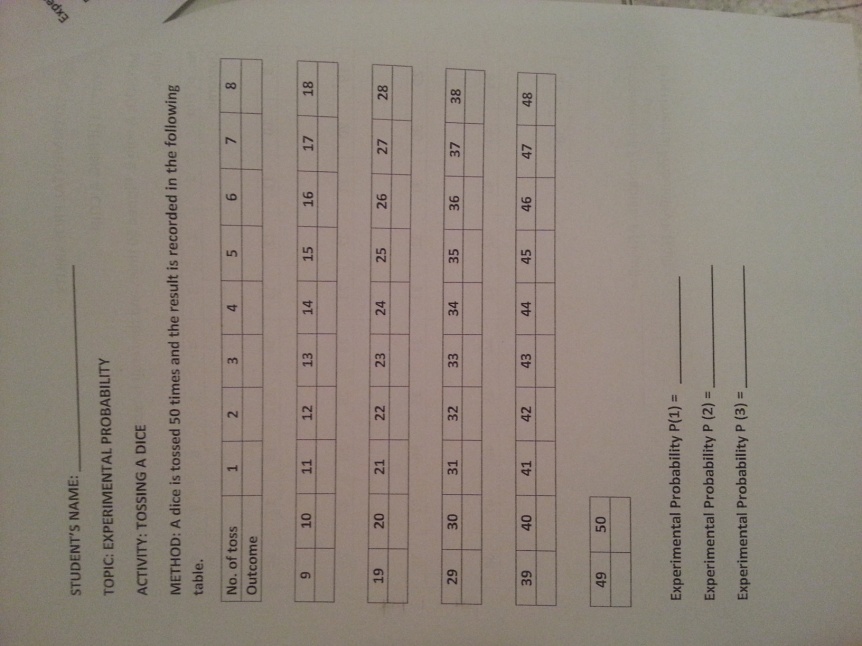
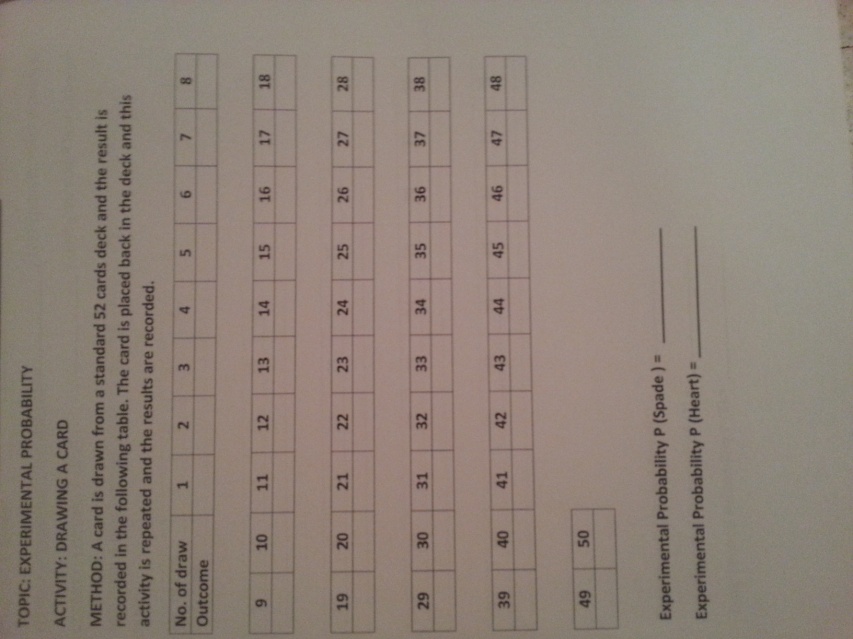
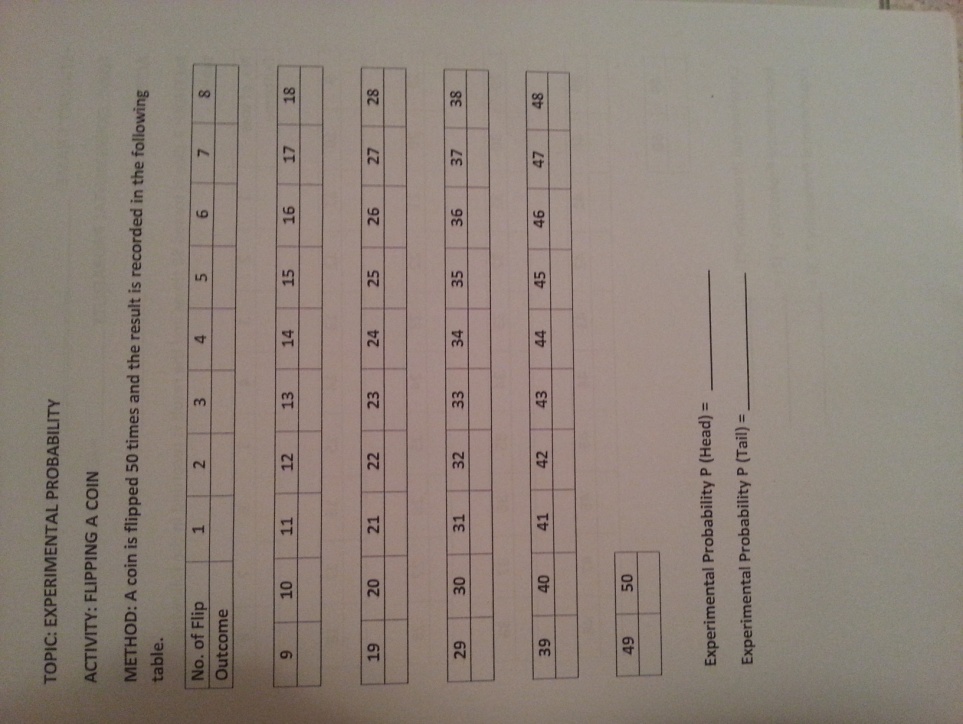
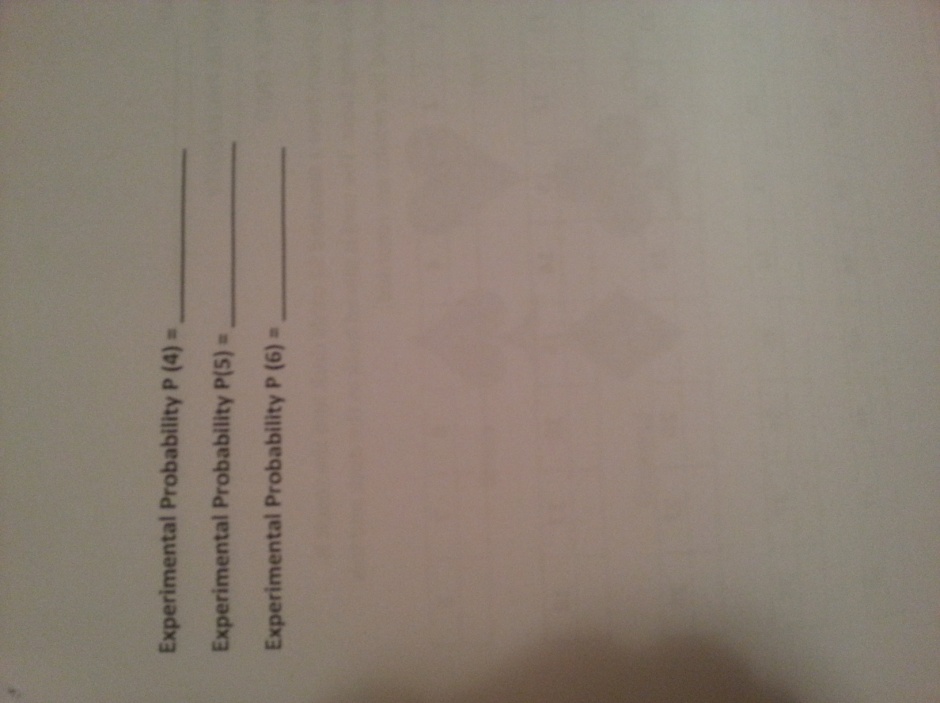
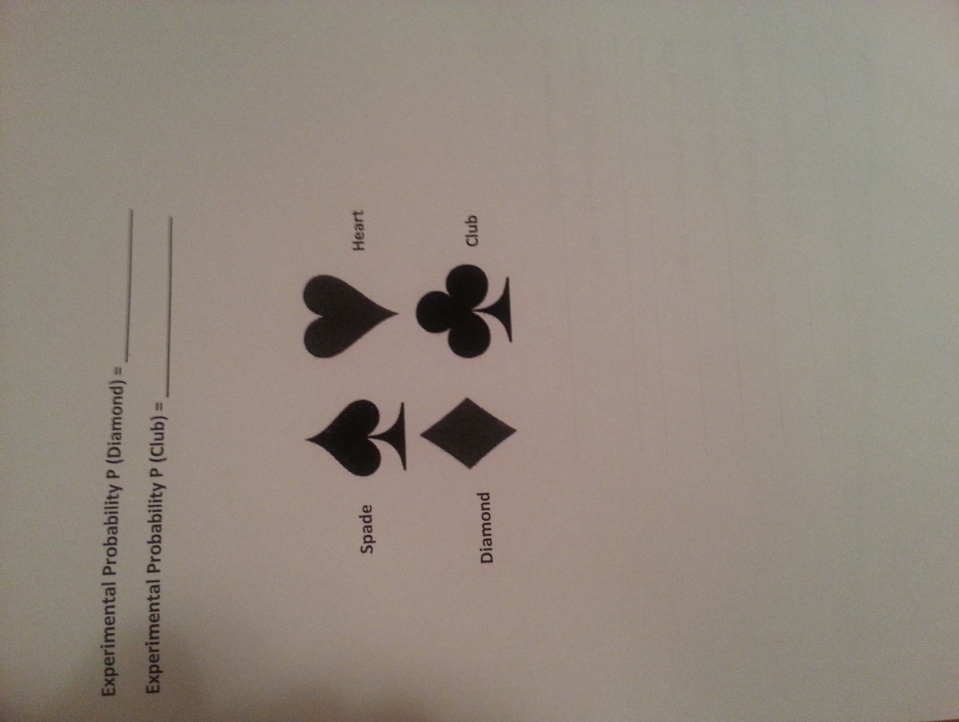
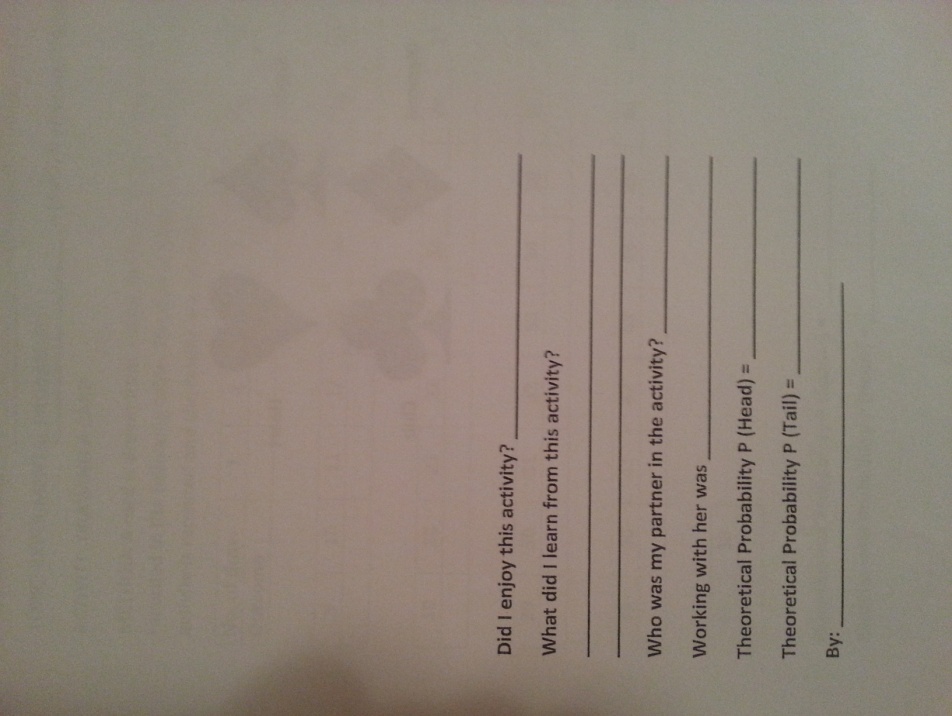
**LESSON PLAN**

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| --- | --- |
| **Date : 26th January, 2015**  **Subject:** Mathematics  **Unit: 1 Chapter:** 10 Probability  **Lesson title:** 10.1: Theoretical and Experimental Probability | **Teacher:** Mrs. Ayesha Nigar  **Grade**: 8  **Estimated periods:** 2 |
| **Instructional Objectives:**  To find the theoretical probability, experimental probability and odds.  Examples:   1. Finding Experimental Probability 2. Identifying the Type of Probability. 3. Determining Odds | **Standard of learning:**  [CCSS.Math.Content.HSS-IC.A.1](http://www.corestandards.org/Math/Content/HSS/IC/A/1)  8.SP.1 |
| **Instructional Procedures:**  **Introduction:**  Predicting the probability of an outcome can be based on theoretical or experimental probability.  **Main Instructions:**  The students are informed that the theoretical probability is the probability that is universally true and does not change whether a person is finding it in any part of the world. Whereas, experimental probability varies from experiment to experiment thus each person will have a different answer when it comes to experimental probability.  **Activity:**  To explain the difference between theoretical and experimental probability the students are given a worksheet and they are asked to find the theoretical and experimental probability of certain events. **(Index A)**    **Closure:**  In the closing of the lesson the students are asked the question that what is the difference between theoretical and experimental probability. | **Student activities:**  Students were asked to answer questions on the white board.  They solved questions in the workbook.  A few extra questions were given as class work and home work. |
| **Accommodation:**   |  |  | | --- | --- | | Extended time  Preferential seating  Segmented assignments  Peer tutoring  Instructional assistance |  | |  | |  | |  | |  | | Other: | | |
| **Teaching resources:**   |  |  | | --- | --- | | Text book  Work book  Power point  Internet  Audio/Video |  | |  | |  | |  | |  |   Other**:** | **Class work:**  Textbook p# 470 - 473 questions 1 - 13 |
| **Homework:**  Workbook p# 391 |
| **Assessment:**  Quiz |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Reflection: For this lesson I ....**   |  |  | | --- | --- | | Used data to plan my lessons  Stated my objectives clearly  Actively engaged students  Provided time for interaction  Kept lesson aligned |  | |  | |  | |  | |  |   **Other:** | **Remediation:** |

**Index A:**



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