**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:**

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| Extended timePreferential seatingSegmented assignmentsPeer tutoringInstructional assistance |  |
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| Other:  |

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| **Teaching resources:**

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| Text bookWork book Power pointInternetAudio/Video |  |
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 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 ....**

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| Used data to plan my lessonsStated my objectives clearlyActively engaged studentsProvided time for interactionKept lesson aligned |  |
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 **Other:**  | **Remediation:**  |

 **Index A:**



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