

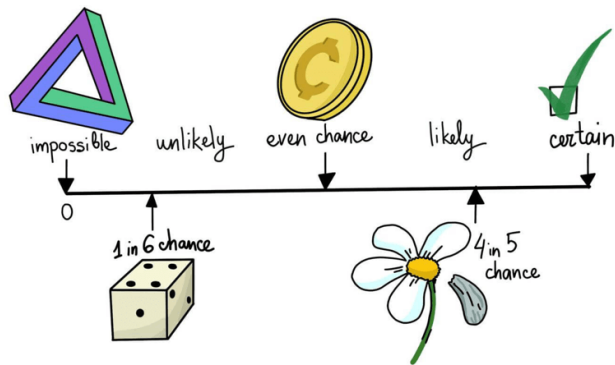



Lesson plan No. – 3



Standard- X

Topic- Probability.

Teaching aids used- dice, coin.



Teaching Point	Role of Facilitator	Role of Learner
	Teacher greets	Students greet
Introduction	Teacher shows a dice to the students and asks, everyone of you must have played the game ludo with the help of dice. 	Yes mam
	Which games do you play with the help of dice	Snake and ladder, Monopoly, Ludo.
	If we talk about the ludo what is the rule for the starting of the game	If the number on the dice is 6 then only the game will start
Example 1	If I roll the dice what numbers can I get on the dice.	123456
	Is there a chance that I get a 7 on this dice?	No
	Can I get a zero?	No.

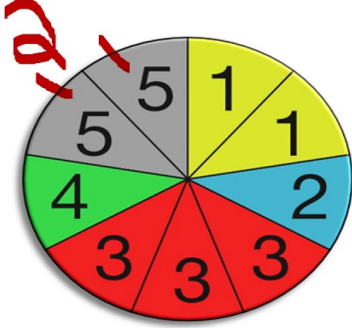
	Why is it so?	Because there are only numbers range from one to 6
	So there are only chances that I get a number between one to 6	Yes ma'am
Statement of aim	So the chances are called probability in mathematical term.	Students listen carefully
Example 2	Teacher shows a coin. 	Students observe.
	How many sides are there in a coin ?	There are two sides in a coin.
	Name the two sides Off the coin?	Head and tail.
	If I toss this coin one time what can be the outcome?	Either a head or a tail.
	Is there any probability that another outcome will come?	No the chances are 50-50.
Example 3	If I toss two coin one time what can be the probability? 	HH, HT, TT, TH.
	Very good students.	

	What is the chance that I at least get a tail?	HT, TT , TH.
	$N(A) = TT, HT, TH$ $= 3$	Students give answer.
Concluding statement	Today we discussed about the basics of probability, There is more to it We will discuss it in next lecture.	

Probability Formula:

$$P(A) = \frac{\text{Number of favorable outcomes to A}}{\text{Total number of outcomes}}$$

1. What is the probability of the spinner landing on the number 5?



The spinner is divided into 10 equal sectors. The numbers on the sectors are: 1, 1, 2, 3, 3, 3, 4, 5, 5. There are 2 sectors with the number 5.