



Counting Combinations

Lesson Plan: 03 / LCR / 02



Overall goal of the lesson	Exercises on counting combinations
Prior knowledge required	Basic idea about listing and counting objects as discussed in 03-LCR-01

MODULE 1: Module time: 35 minutes

Goal:	Students will learn more in detail about different ways to List and count objects
Description:	Students will learn the basics of listing and counting of objects in a certain given set, with some constraints given for it.
Material required:	Physical: Worksheet 03-LCR-02-WS Electronic: PPT presentation (03-LCR-02-PPT) as a reference to teach listing and counting of objects.
Procedure Summary:	<ol style="list-style-type: none"> 1. Go over the power point presentation (03-LCR-02-PPTX) with the kids 2. Distribute the worksheet (03-LCR-02-WS) to see how much the students have understood the concept.
Procedure Details:	<ol style="list-style-type: none"> 1. Start with the revision of what they had learnt about listing and counting in the previous class. 2. Now with the help of PPT, show them how when more choices are given the number of combinations go up. 3. With the help of PPT explain how to find the number of different ways to list and count given few blue and red blocks 4. With more options to mix and match clothes, help them with PPT to see the number of sets of clothes you can get with the certain conditions given.
Assessment:	A lesson on teaching the basics of listing and counting of objects with a finite set and constraints
Information Broadcast:	Exercises on Listing and counting combinations.