



Iterative Process

Lesson Plan: Class 02 / IPP / 02



Overall goal of the lesson	Iterative Patterns and processes
Prior knowledge required	Number system , rows and columns , shapes

MODULE 1: **Module time:** 35 minutes

Goal:	Generating interesting patterns from simple patterns iteratively
Description:	Using dots and lines to create patterns. And creating rangoli with the patterns.
Material required:	<p>Physical: White or black board (For teachers) . Notebook and colour pencils (for students).</p> <p>Electronic: None</p>
Procedure Summary:	
Procedure Details:	<p>Start the session with stating the agenda for today and go with the slides.</p> <p>Wait for the students to actually draw what they saw in the slide.</p> <p>Encourage more questions and let them draw in different ways.</p> <p>The whole idea is to let them get interested in patterns and color.</p> <p>Slides 3: The shapes we learned and we are going to learn.</p> <p>Slides 4 to 8: Recap to draw triangle, square and rangoli.</p> <p>Slides 9 to 20: Draw pentagon, hexagon, two types of stars.</p> <p>Slides 21 to 22 : connecting all dots from each other with a line (concept)</p> <p>Slides 23 to 29: Designing a slightly complex colorful rangoli iteratively by connecting each dots in a pattern.</p> <p>Slides 30 to 31: Arranging of items as a pattern.</p> <p>Deliberately didn't introduced concept of circle. * If students arrange in circle, encourage them.</p>
Assessment:	Ask them to draw what they like. There is no correct answer as well as there is no better answer. Let them enjoy, experiment with patterns and colors.
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