

Lesson Plan – Neighbouring Numbers

Goals:

Exercise and improve arithmetic and strategic thinking skills.

Commented description of materials to be used:

Neighbouring numbers exhibit uses numbers 1-6 to be placed in 13 circles by satisfying a set of conditions based on distance and number value.

Strategies:

After solving the initial challenges, we guide learners through the thinking process of the placement of numbers, their value and distance. We use different numerical puzzles to enable learners to form their own approach to solving the challenges.

Suggestions:

Consider changing the conditions of the puzzles to enable learners to take their own approach to solving them.

Appraisal / Evaluation of Students:

We use a set of puzzles with different degrees of difficulty.

Assessment of lesson:

We compare the competence of the learners in solving Neighbouring Numbers puzzles at the beginning and the end of the lesson. Also, we qualitatively try to understand the learners' approach to solving the puzzles.

Closure:

Overview of activity and key points, feedback from learners for further improvements and/or adjustments to be made.