



1-120 Jigsaw Puzzles

Teaching Suggestions

Recommended for Grades 1-3

Children often find it difficult to count past 100 as many counting charts produced stop at 100. If they continue past 100 they often get to 109 and then say 200. Using these 1-120 puzzle pieces with students can help to overcome these conceptual misunderstandings and assist them to develop:

- a solid understanding of the numbers from 1-120
- place value understandings
- patterning knowledge
- the ability to count past 100 and then past 109

These 1-120 puzzle pieces provide a fun interactive way to build these important skills. The jigsaw puzzles increase in difficulty and can be matched to a student's ability. Students can complete the jigsaw puzzles independently or in small groups.

Master copies of the 120's chart and a blank grid are included with these notes. Enlarged to A3 size they should match the size of the jigsaw puzzles. You may choose to use them as guides with some of the activities below.

Whole Class Activities

- Give each student a jigsaw piece and ask them to complete the puzzle as a class. Encourage students to take their turn when they can see a link to their piece. You may use one of the enlarged master grids as a guide. Blu tac or a similar adhesive on the back of each piece allows students to attach their pieces to the board/grid; this makes the activity more visual for the whole class.
- Attach the enlarged 120's chart to the board. Give each student a jigsaw puzzle piece and ask them to locate their piece on the chart. They can then take turns to give clues to classmates about their piece until they guess the numbers on their piece. For example: "*The largest number on my piece is 10 less than 3.*"; "*My piece has 4 numbers in a horizontal line.*"; "*The smallest number in this line is 2 more than 4*". Tracing the shapes of the puzzle pieces onto the chart may be necessary for some classes.
- Trace some of the jigsaw pieces onto the board and fill in one, two or three numbers; ask the students to complete the other numbers in that piece.

Independent or Small Group Activities

- Make a copy of the 4 x 4 master grid for each student. Give each of them a jigsaw piece and ask them to place it on their grid and trace around it. Copy the numbers from the puzzle piece and fill in the numbers surrounding it.
- Give each student a blue jigsaw puzzle piece and ask them to draw the piece they have been given and fill in one number. They then ask another student to fill in the missing numbers.
- Working in pairs, give each student either a green, red or orange puzzle piece. They can then take turns to give their partner clues to guess the missing number/s.
- Working in pairs, ask students to complete a jigsaw puzzle taking turns to put pieces down.
- Students can be timed putting the different jigsaw puzzles together.

4 x 4 Master Grid

