Sudoku Puzzles for Problem-Solving

**Objective:**
- To increase the students' comfort with numbers.
- To introduce logic to them through puzzles like Sudoku.
- To develop problem-solving skills in an engaging manner.

**Process:**
- Start with introducing the concept of a Sudoku puzzle and give the children a little background or some interesting facts about the puzzles. For example: How Sudoku competitions are held worldwide. This will help pique their interest and engage with the puzzles in a fun, exciting manner.
- Start with an easy 4*4 puzzle and teach them how to solve it.
- Let the students work on the worksheets independently and make sure they are trying to solve the puzzle.
- Discuss the different problem solving approaches that the students used to complete the puzzle, with the whole class and try making this into a participative student led discussion.
- As the sessions go on, increase the difficulty level of the puzzles.

**What You Need:**
- Printed Sudoku puzzles for all students (at the end of the module)
- Pencils
- Erasers

Non-Academic Problem-Solving Difficulty Level: Low
SUDOKU

\[
\begin{array}{|c|c|}
\hline
4 & 2 \\
\hline
2 & 1 \\
\hline
2 & 3 \\
\hline
\end{array}
\quad
\begin{array}{|c|c|}
\hline
3 & 6 \\
\hline
2 & 4 \\
\hline
5 & 6 \\
\hline
3 & 5 \\
\hline
3 & 1 \\
\hline
1 & 4 \\
\hline
\end{array}
\]