

Problem-Solving Strategy – Make a Table, List or Chart

Yew, W. T.; Lian, L. H.; and Meng, C. C. (2017). Problem solving strategies among primary school teachers. *Journal of Education and Practice* 8(15), 136-140.

Muckerheide, P.; Mogill, H.; and Mogill, A. T. (1999). In search of fair game. *Mathematics and Computer Education*, 33(2).

This targeted intervention enables students to organize the data and visually consider options when answering a word problem.

Materials:

- Word problems
- Paper/Pencil
- Chart with **Make a Table, List or Chart Steps**
 - (1) Decide what information needs to go on your chart.
 - (2) List all of the possibilities in a table or chart to make sure all parts of the problem doesn't get lost.
 - (3) Organize and record the information so that it makes sense.

Steps:

1. The teacher and student(s) read the problem together. The teacher paraphrases the problem.
2. The student(s) restate the question in own words.
3. The student(s) determine the important information.
4. Using the **Make a Table, List or Chart Steps**, the student(s) create an organized list, table, or chart.
5. The student(s) implement a solution.