## How To Solve A Problem

**SEE & UNDERSTAND** Do I understand what the problem is asking? Discuss. **PLANNING** Plan how you might solve the problem. Select a strategy from the board. **DOING IT** Try out your idea. Did it work out? CHECK IT If yes, what else can you learn? If no, go back to step one. Strategy Board DO I KNOW A SIMILAR PROBLEM? GUESS, CHECK AND IMPROVE TRY A SIMPLER PROBLEM WRITE AN EQUATION MAKE A LIST OR TABLE **WORK BACKWARDS ACT IT OUT** DRAW A PICTURE OR GRAPH MAKE A MODEL TRY ALL POSSIBILITIES LOOK FOR A PATTERN SEEK AN EXCEPTION BREAK THE PROBLEM INTO PARTS

