

# PROBLEM SOLVING STEPS

Inspired by Student Achievement Division of Ontario Schools and McGraw-Hill. Produced by Natasha Hutchins at [www.prodivame.com](http://www.prodivame.com)

## GUIDING QUESTIONS TO

### **Reflect, Clarify Reasoning and Understanding**

What was my thinking when I made decisions or selected strategies to solve the problem?

What changes did I have to make to solve the problem?

What was the most challenging part of the task? And why?

How could I arrive at the same answer but in a different way?

How would I explain what \_\_\_\_\_ just said, in my own words?

### **Reason Mathematically**

Have I found all the possibilities?

How do I know?

### **Compare Solutions and Look for Commonalities**

How is this solution similar to or different from the others?

### **Synthesise Learning and Articulate Generalisations**

What have I discovered about \_\_\_\_\_ while solving this problem?

What have I learned today?