Problem Solving

Length of Unit: 6 lessons

AusVELS

Students develop the ability to make choices, interpret, formulate, model and investigate problem situations, and communicate solutions effectively. Students formulate and solve problems when they use mathematics to represent unfamiliar or meaningful situations, when they design investigations and plan their approaches, when they apply their existing strategies to seek solutions, and when they verify that their answers are reasonable.

Vocabulary Development:

“Zone of Confusion”
Specific strategies to teach:
- Understanding the problem
- Trial and error

Other Resources:

Problem Solving Books-Peter Maher, Solve that Problem