

# ACS Math/Science Problem Solving Methodology

**Directions:** Use the following methodology to solve problems in math and science classes.

| <b>Step</b>            | <b>Description</b>   |
|------------------------|--|
| Understand the problem | Read the problem, decide what you're trying to do, identify knowns and unknowns.                               |
| Devise a plan          | Develop a model, draw a picture, make a table, etc.  |
| Carry out the plan     | Do what you said you were going to do in the plan.   |
| Look back              | Does your answer make sense?<br>Estimate and compare to your answer.<br>If it does not make sense, start over. |