Appendix B

Open-Ended Questions to Promote Problem Solving Teacher Bookmark

Open-Ended Questions to Promote Problem Solving

Before
- What is the question?
- What data will help you find the solution?
- How will you start to solve this problem?
- Does this problem remind you of any others you have solved?
- What did you do to solve that problem? Will it work here?

During
- Are you blocked? Should you try a new approach?
- Does your answer make sense? Why or why not? If it doesn’t make sense, what could you do?

After
- How did you solve the problem?
- Why did you solve the problem that way?
- What was easy/hard about solving this problem?
- Where did you get stuck? How did you get unstuck?
- Were you confused at any point? How did you simplify the task or clarify the problem?
- Can you describe another way to solve the problem? Which way might be more efficient?
- Is there another answer? Explain.