Steps to a Problem-Based Learning Approach

**Step 1: Explore the issue.**
Gather necessary information; learn new concepts, principles, and skills about the proposed topic.

**Step 2: State what is known.**
Individual students and groups list what they already know about the scenario and list what areas they are lacking information.

**Step 3: Define the issues.**
Frame the problem in a context of what is already known and information the students expect to learn.

**Step 4: Research the knowledge.**
Find resources and information that will help create a compelling argument.

**Step 5: Investigate solutions.**
List possible actions and solutions to the problem, formulate and test potential hypotheses.

**Step 6: Present and support the chosen solution.**
Clearly state and support your conclusion with relevant information and evidence.

**Step 7: Review your performance.**
Often forgotten, this is a crucial step in improving your problem-solving skills. Students must evaluate their performance and plan improvements for the next problem.