

## 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.

