Problem solving is used in many ways in the classroom. Whenever there is an issue raised, problem solving must be used.

A question that is open ended could potentially have multiple answers. The question required more of an answer then simply yes of no. A closed ended question is a question with has a simple answer such as yes or no.

The Inquiry Method is research, investigation, or discovery. The students ask questions and then search for answers for an to the questions.

Problem-based learning is a teaching approach that combines critical thinking, problem solving skills, and inquiry as students explore real-world problems.

Lesson Development: (Choose a specific grade to design this lesson around)

1. Currently in Pullman, there has been a question raised if the U.S should lower the drinking age in Pullman. Pullman is leading towards the idea that the drinking are of 18 would be better then a drinking age of 21.
2. Outline ways in which you could encourage problem solving in your classroom with this issue as the central discussion point.(example: The chart on page 162)
3. A teacher can encourage problem solving in the classroom by defining the problem, helping address a plan of action, gathering data, and allowing time for reviewing and evaluating the conclusions that came about.
4. The structure used should be open ended primarily. Some closed ended structure can be used, but open ended would bring about more discussion and problem solving.
5. The information concerning this topic can be found at this site: <http://www.topix.com/issue/drinking-age/pullman-wa>. The students could use the internet to research as well as library resources.

The students would need individual attention so as to understand the topic at hand. They could work in groups with other students and more teacher help and supervision.