

The Four C's

These four core thinking skills are the cornerstone of the Future Problem Solving process.



Creativity

Problem solving situations are set in the future to encourage inventive thinking. Students extrapolate future possibilities from the present.



Communication

Clear and articulate communication is developed while working with a team or in the community, and ideas are presented in written and verbal modes.



Critical Thinking

Students use analysis to gain an understanding of issues in today's world and to comprehend significant aspects of complex situations.



Collaboration

Students work together while learning and applying problem solving skills. Teamwork is nurtured as students advance through challenging and exciting situations.

Problem Solving Model

FPS is based upon
Creative Problem Solving

Learning and applying this process enriches students by providing open-ended support to align with a multitude of standards using complex thinking to address real-world problems.

Students use primary and secondary resources, conduct research on selected topics, and then apply their knowledge and ideas to the problem solving model.

Step 6: Action Plan
Based on the strongest solution as determined by the criteria, develop a plan of action to explain and implement the best solution

Step 5: Matrix
Evaluate solution ideas using student-designed criteria to identify the most promising solution

Step 1: Challenges
Generate challenges or issues related to a specified situation

Step 2: Underlying Problem
Analyze possible challenges to determine a single focused area to address

Step 3: Solutions
Generate a variety of potential solution ideas to resolve the selected Underlying Problem

Step 4: Criteria
Create criteria to measure the merit of solution ideas

