

NORTH SCOTT COMMUNITY SCHOOL DISTRICT

TITLE: Future Problem Solving (High School)

QUALIFICATIONS:

1. Possession of Iowa Teaching Certificate
2. Any Tag requirements as state mandate

REPORTS TO: District TAG Coordinator

JOB GOAL: To assist each participating student in achieving a high level of skill, an appreciation for the values of discipline and sportsmanship and increase the students level of self-esteem. To provide leadership and direction for the specific activities from the ninth through the twelfth grade.

PERFORMANCE EXPECTATIONS: To provide the tools and strategies students need to develop the critical cognitive skills to think critically, creatively and futuristically to face the challenges of today and the future.

PERFORMANCE RESPONSIBILITIES:

1. Future Problem Solving Program – Team Competition
The coach must solicit students to participate in the program and select four students and one alternate to form a team. There is no limit to the number of teams a school may enter. Each team is coached to research the future problem-solving topic and analyze the future scene. The team is then coached to employ the six-step model to complete the eleven-page booklet in two hours for each scene. The coach must meet with the teams before or after school or on weekends. Each team receives two different practice future problem-solving scenes and one state-qualifying scene during the school year. Only one team from Area 9 Schools of the Intermediate and Senior division is selected to compete in the State Bowl. The winner of the divisions of the State Bowl is invited to compete in the International Bowl. The coach must:
 - A. Complete all paper work to register and pay the fees for each team.
 - B. Copy and distribute all literature for each of the three scenes.
 - C. Fill out and mail each future scene packet to the judges.
 - D. Help supervise and be a hall monitor for the Area 9 Regional Bowl for writing of the state-qualifying packet.
 - E. Arrange all transportation, food and lodging for each team that is invited to compete in the State Bowl at Iowa State University.

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- F. Chaperon and supervise each team that is invited to compete in the State Bowl.
- G. Complete all paper work for each team that is invited to compete at the International competition.
- H. Arrange all transportation, food and lodging for the teams invited to the International competition.
- I. Help the teams raise the money to pay for their registration, transportation, food and lodging to attend the International competition.
- J. Chaperon and supervise the teams at the International competition.
- K. Pay his/her own expenses to attend the International competition.

2. Future Problem Solving Scenario Writing Program

The coach must solicit individual students that will be willing to compete in the program. There can be any number of students who compete in the program. Each student must select a topic from a given list. The students are coached to research and analyze the topic and write a 1,500-word short story in which one possible outcome is developed through character(s) and plot. The coach meets with the students after school. The coach is responsible for:

- A. All paper work in registration, the paying of fees, and the screening and mailing of the students scenario to the judges for the State competition.
- B. Arrange for all transportation, lodging, and food for students that are invited to the State and International competition.
- C. Chaperon and supervise all students that compete in the State and International competition.
- D. Pay for all his/her expenses to attend the International competition.

3. Future Problem Solving Program – Individual Student

The coach must solicit students that want to compete as an individual in the future problem-solving program. The student receives two practices and one state qualifying future scene. The student is coached to research and analyze the future scene and to employ the six-step model to complete the eleven-page packet for each scene. The coach meets with the students after school. The coach must:

- A. Complete all paper work to register and pay any fees.
- B. File and mail the students packets for each scene to the state judges.
- C. Arrange transportation, food, and lodging for each student that is invited to compete in the State and International competition.
- D. Chaperon and supervise each student that is invited to the State and International competition.
- E. Pay his/her own expenses to attend the International competition.

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4. Future Problem Solving – Community Service

The coach must solicit students to form a team that is interested in working on a community service project. The team is coached to research the community's conditions and identify potential areas of need. The team must use a six-step model to identify an area of need, a solution, and develop a plan of action. If the project is selected by the State judges as qualifying for International competition the team is chosen to represent the State at the International competition. The team will be interviewed and required to set up a display board at the International competition. The coach must:

- A. Complete all paper work to register the team and pay all fees.
- B. Arrange all meetings so the team can complete a six-page report and addendum about the project that is evaluated by a panel of judges.
- C. Supervise the development of a scrapbook, a three to five minute project video, and a display board of the project.
- D. Arrange for airfare and lodging, and food at the International competition.
- E. Coach the students in fund raising for development of the project and to pay their expenses to the International competition.
- F. Coach the team in arranging for publicity about the project to the community.
- G. Arrange meetings for the team with civic leaders about the project.
- H. Write grants to fund the project.
- I. Chaperon and supervise the team at the International conference.
- J. Pay his/her own expenses to attend the International conference.

5. Other duties as assigned

TERMS OF EMPLOYMENT: Ten month year. Salary established by the Board.

EVALUATION: Performance of this job will be evaluated per contract language.

Approved by: _____ Date: _____

Reviewed and agreed to by _____ Date: _____
(Incumbent)

(This job description contains only measurable performance responsibilities.)

3/20/03

