# **Event 1 Everyday Equations**

EVERYDAY

EQUATIONS

Applied Math

**Purpose:**

This event will show how math is used in Family and Consumer Science classes and in family and home applications. **This is not a national event.**

**Event categories:**

**1. Junior through grade 9**

**2. Senior: grades 10-12**

**3. Occupational**

**Eligibility:**

1. An event category is determined by participant's grade in the school year.

2. Participation is open to any state and nationally affiliated FCCLA chapter member.

3. This event is a written test taken at Area mid winter and at the state levels.

**Rules:**

1. This event will be a test event given in a class-room setting style with tables and chairs to accommodate participants.

2. The test will be no more than one hour in length.

3. An adult will monitor the test and score the tests when they are completed.

4. There will be a Junior and Senior division in this event.

5. Test questions will be multiple choice, true/false, open-ended questions and some questions will require the student to show his/her work in reaching the answer.

6. The questions will be based on subject matter taught in Family and Consumer Science courses; e.g. foods and nutrition, fashion and apparel, child development/parenting, consumer education and interior design.

7. This is an individual event.

8. Participants **may** bring calculators to the event. Calculator will be brought by the participant and will not be provided. You may bring your own to use.

**Resources**

How to Get Started:

1. Use current textbooks in Family and Consumer Sciences that include the use of math in classroom assignments.

2. Collaborate with the school math teacher and your Family and Consumer Science teachers to help you research possible types of problems that might be included in the test.

3. Curriculum suppliers may also have math flashcards, and other resources for applied math.

Area Rating achieved (circle one):

 Merit Award: 0-69 pts

 State Advancer: 70-100 pts

State Rating: \_\_\_\_\_ 85-100 Gold

\_\_\_\_\_84.99-70 Silver

\_\_\_\_\_0-69.99 Bronze