Your Name (List all student names if multiple authors.)
Alianne M. Steffenson

Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9)
What Sociograms Can Tell Us?

Science Fair Use Only

S0217

Division
_ **Junior (6-8)** X **Senior (9-12)**

Preferred Category (See page 5 for descriptions.)
2 - Behavioral Sciences

Abstract (Include Objective, Methods, Results, Conclusion. See samples on page 14.)
Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.

This study deals with sociometric diagrams representing group formation within a certain grade. I will try to determine if there is a certain age when children start to consider a classmate#s abilities, to improve their success in a certain task. If I conduct a survey for every grade, then I will find that there is a higher degree of agreement between classmates in the upper grades than in the lower grades. The upper grades will take their classmate#s abilities into consideration when answering the questions. I analyzed results of sociograms, to determine whether choices made vary with the question asked. I used the basic concepts of sociometry to conclude that higher-grade levels will consider the task set to them, and make choices that will benefit the completion of the task.

Summary Statement (In one sentence, state what your project is about.)
At what age do children start to consider people's abilities when asked to complete a task, within a group.

Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4.