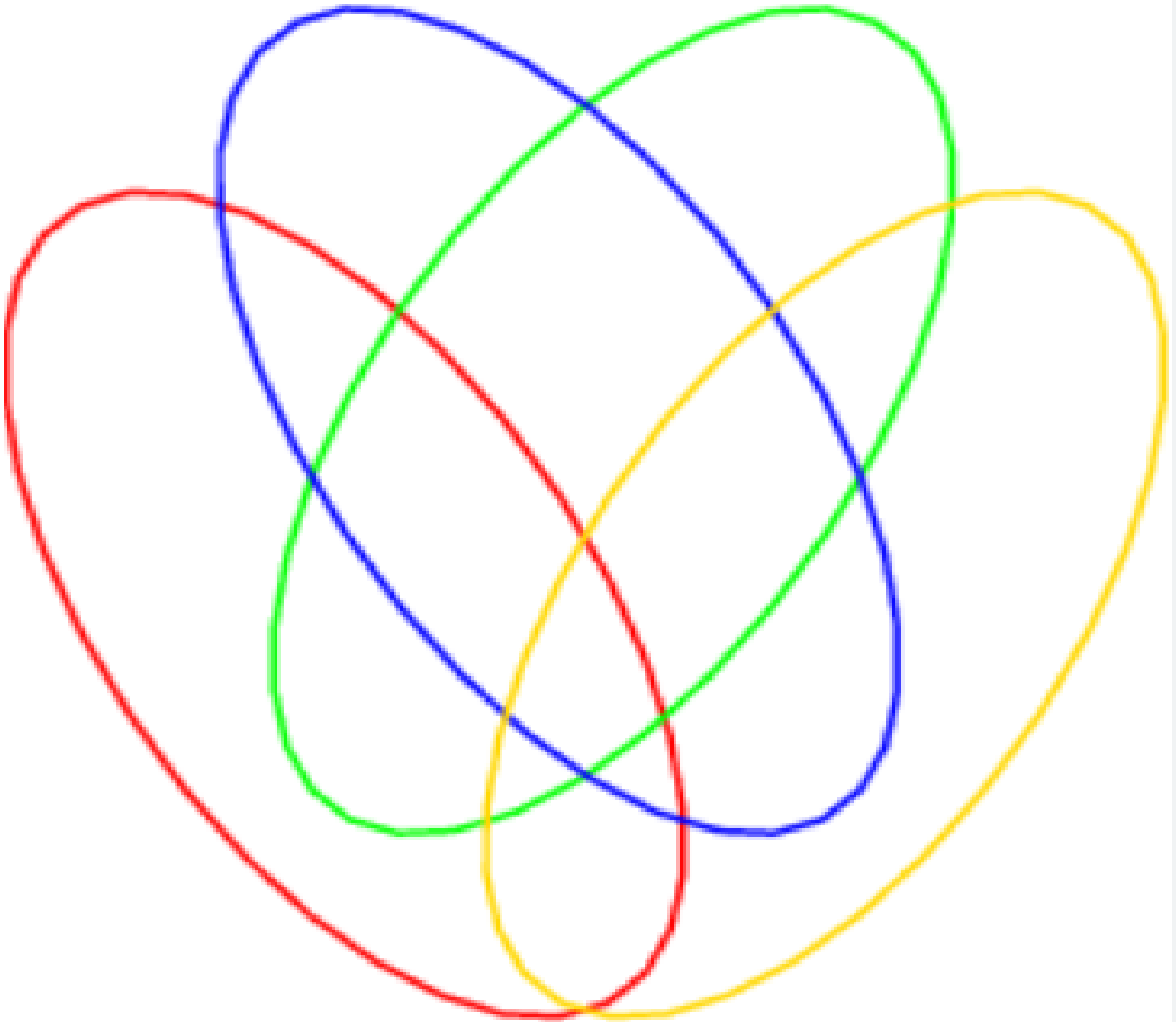
# Unit 3 Lesson 5 POGIL: Venn Diagram

Put the names of the 4 people in your group, one in each circle.

a. Write down the age of each person in your group in the circles, but if two or more people are the same age, put the age in the intersecting parts of their circles. Write a Boolean expression that compares the age of each person in the group using ==, <, >, and &&, for example Ada's age > Alan's age && Alan's age == Grace's age.
b. Then, ask each person in your group their favorite movie. If two or more people have the same favorite movie, put the movie in the intersecting parts of their circles. Write a Boolean expression that compares the favorite movies in the group using ==, !=, and &&, for example Ada's movie == Alan's movie && Alan's movie != Grace's movie.
c. Think of 1 more comparison and write it in the circles and as a Boolean expression. Share the Boolean expressions with the class.



(Thank you to Jill Westerlund of Hoover High School and Art Lopez of Sweetwater High School for this activity suggestion)