### Overview
The students will collaboratively piece together a Unit Circle in groups.

### Materials
- Pencil
- Paper
- Computer
- Handout of completed Unit Circle (given only after each group has completed the project to compare their result with the given result)

### Procedure
1.) Have students pair off into groups of 5.
2.) Give each group an assigned role to complete the Unit Circle with displaying each of the 5 families of angles’ trigonometric values.
3.) Tell groups to give each member of the group an assigned family of angle, have them find their sine and cosine of each member of that family using their paper and pencil
4.) Take students to computer lab, have them each create a springnote account at [http://springnote.com/](http://springnote.com/)
5.) Have each student take the values that they have already found and locate it on an incomplete Unit Circle in Springnote, after this have each member of the group get together and compare results to complete each of their parts on the incomplete Unit Circle.
6.) After each group has finished, pass out the handout for the Unit Circle to show if each group has a successful result.

### Evaluation
Each student will be graded on whether or not they fulfilled their roles in their group and whether or not their groups Unit Circle has the same result as the handout.

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Website: [http://www.geocities.com/fessora01/lessonplan8.htm](http://www.geocities.com/fessora01/lessonplan8.htm)