



LESSON PLAN: Writing Your Name with Archie 3000

Age range: Recommended 7+

Group size: 5-8 (quantity of 5 Archie 3000 available)

Required Materials:

- Blank Paper (2x person)
- Markers
- Archie 3000
- Protractor

Directions:

1. First, write your name in upper case letters on one blank sheet of paper
2. Using the protractor, measure the angles of each line of each letter. Write these angles down in a list!
3. Now set those aside and open up Archie's coding program.
4. Using the set of block codes available and the list of angles you measured, create a list of commands for Archie to follow.
5. Test out the instructions using the simulator!
6. When you're ready, carefully place Archie on the blank sheet of paper, click "start," and watch Archie draw your name!
7. Try again and again, testing different angles until Archie draws your name close enough! Try out different colors, too!

