Instructions for Activity 3

There are three worksheets – both in PDF and Word formats – that represent three different five-person social networks. Students should be split into groups of five. Each group is given the worksheet for one of the three networks, and will then create the corresponding social network "graphs" using pieces of string. Two students hold each end of the string if there is an edge between them in the graph. Make sure the pieces of string are long enough so that the students aren't all bunched together!

The three different networks are unrelated beyond using the same student names. So, e.g., a class of only five students could work with just one of the networks.

For creating the graphs:
- Network 1 requires 6 pieces of string
- Network 2 requires 6 pieces of string
- Network 3 requires 7 pieces of string

You could provide students with the correct number of pieces, or give them more than enough and let them figure out how many they'll need.