

Appendix A: RIASEC items

The following items were rated on a 1-5 scale of how much they would like to perform that task, with the labels 1=Dislike, 3=Neutral, 5=Enjoy:

- R1 Test the quality of parts before shipment
- R2 Lay brick or tile
- R3 Work on an offshore oil-drilling rig
- R4 Assemble electronic parts
- R5 Operate a grinding machine in a factory
- R6 Fix a broken faucet
- R7 Assemble products in a factory
- R8 Install flooring in houses
- I1 Study the structure of the human body
- I2 Study animal behavior
- I3 Do research on plants or animals
- I4 Develop a new medical treatment or procedure
- I5 Conduct biological research
- I6 Study whales and other types of marine life
- I7 Work in a biology lab
- I8 Make a map of the bottom of an ocean
- A1 Conduct a musical choir
- A2 Direct a play
- A3 Design artwork for magazines
- A4 Write a song
- A5 Write books or plays
- A6 Play a musical instrument
- A7 Perform stunts for a movie or television show
- A8 Design sets for plays
- S1 Give career guidance to people
- S2 Do volunteer work at a non-profit organization

- S3 Help people who have problems with drugs or alcohol
- S4 Teach an individual an exercise routine
- S5 Help people with family-related problems
- S6 Supervise the activities of children at a camp
- S7 Teach children how to read
- S8 Help elderly people with their daily activities
- E1 Sell restaurant franchises to individuals
- E2 Sell merchandise at a department store
- E3 Manage the operations of a hotel
- E4 Operate a beauty salon or barber shop
- E5 Manage a department within a large company
- E6 Manage a clothing store
- E7 Sell houses
- E8 Run a toy store
- C1 Generate the monthly payroll checks for an office
- C2 Inventory supplies using a hand-held computer
- C3 Use a computer program to generate customer bills
- C4 Maintain employee records
- C5 Compute and record statistical and other numerical data
- C6 Operate a calculator
- C7 Handle customers' bank transactions
- C8 Keep shipping and receiving records