Unit 2 Pre-/Post-Test

Nā ‘Oihana (Careers) Knowledge Survey Questions

1. Getting a science-related career in Hawai‘i ...
   a) Requires an advanced university degree in science
   b) Almost guarantees a good salary for doing important work
   c) Is too difficult for most local people to do
   d) All of the above

2. It is important for citizens of Hawai‘i to work in science-related fields because they ...
   a) Understand how humans interact with Hawaii’s environment
   b) Can help conserve and protect Hawaii’s people and resources
   c) They can add unique knowledge to different science fields
   d) All of the above

3. The people most likely to successfully achieve their career goals...
   a) Explore every option before choosing their favorite
   b) Write a resumé and cover letter
   c) Make long range plans and have a mentor
   d) Pursue studies or jobs that challenge them the most

4. A scientific experiment proposal requires ...
   a) A research question, hypothesis and methods
   b) Analysis of findings, conclusion and next steps for research
   c) Hawaiian and scientific protocols
   d) All of the above

5. It is important to revise a scientific investigation when …
   a) Testing the hypothesis yields different results each time
   b) The experiment is not done safely
   c) Experiments on the same topic provide conflicting results
   d) The experiment has not been reviewed by peers
DIRECTIONS: Write, speak &/or perform your answers as directed below.

6. You and two peers have been asked to conduct a new inquiry related to water. Design a proposal together. Write your answer here, then critique your proposal in an interview with your teacher: (6+ points)

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

7. Think of examples of science-related careers that students in Hawai‘i could pursue. Make a 3 minute drawing on a blank sheet of paper to show one of these careers and what you know about it, including:
   - A typical task someone with this career might do
   - The benefits of this career to someone who chooses it
   - The benefits to others if people contribute their efforts to this career choice
When done, share your drawing with your teacher and explain what it shows. (4+ points)