

Lesson #3 - Careers That Work: Soil Scientist

Subject: Career Acquisition, Interview Skills

Grade Levels: 6th Grade – 12th Grade

Standards

- 13.1.5.A - Describe the impact of individual interests and abilities on career choices.
- 13.1.5.B - Describe the impact of personal interest and abilities on career choices.
- 13.1.5.C - Relate the impact of change to both traditional and nontraditional careers.
- 13.1.5.F - Investigate people's rationale for making career choices.
- 13.1.5.H - Connect personal interests and abilities and academic strengths to personal career options.
- 13.1.8.A - Relate careers to individual interests, abilities, and aptitudes.
- 13.1.8.B - Relate careers to personal interests, abilities and aptitudes.
- 13.1.8.D - Explain the relationship of career training programs to employment opportunities.
- 13.1.11.A - Relate careers to individual interests, abilities, and aptitudes.
- 13.1.11.B - Analyze career options based on personal interests, abilities, aptitudes, achievements and goals.
- 13.1.11.C - Analyze how the changing roles of individuals in the workplace relate to new opportunities within career choices.
- 13.1.11.E - Justify the selection of a career.
- 13.2.8.E - Explain, in the career acquisition process, the importance of the essential workplace skills/knowledge, such as, but not limited to:
 - Commitment
 - Communication
 - Dependability
 - Health/safety
 - Laws and regulations (that is Americans With Disabilities Act, child labor laws, Fair Labor Standards Act, OSHA, Material Safety Data Sheets)
 - Personal initiative
 - Self-advocacy
 - Scheduling/time management
 - Team building
 - Technical literacy
 - Technology

Rationale

Provide the students with important information that is expected of a high quality and compelling interview for employment.

Objectives

- Students will be able to describe the purpose of the employment interview process.
- Students will be able to list the basics of interviewing.
- Students will be able to demonstrate basic interviewing skills.

Lesson Essential Question(s)

- What is an interview?
- Why is an employment interview necessary?
- What kind of information is important to include in an interview?
- What skills are required of a high quality and effective interview?

Duration

1 class period, 40 minutes

Materials

Handouts:

- Handout #4: Interview Basics
- Handout #5: Interview Project

Suggested Instructional Strategies

Project Based Learning

Activities

- Task #1:
Have students define what an employment interview is and present in 2 sentences their definition to the class. Discuss the different answers provided and determine the best definition based on class answers.
- Task #2:
Using Handout #4: Interview Basics, review with the class, the components of a high quality and effective interview.
- Task #3:
In the small groups, have students create a series of interview questions and answers for an individual who is a soil scientist using Handout #5: Interview Project. The information produced by the students should be reflective of the skills, education, and experiences necessary to achieve a career as a soil scientist. The questions and answers should also be indicative of the skills necessary to conduct a high quality and effective interview.
- Task #4:
Each group will perform their interview questions and answers to the class with one student playing the role of employer and the other playing a potential candidate for the soil scientist job. This presentation should be between 4 and 6 minutes in duration and should discuss important characteristics required of a soil scientist.

Related Materials & Resources

Careers That Work: Soil Scientist

Handout #4 - Interview Basics

Handout #5 - Interview Project

Resource Links:

- WVIA's Careers That Work: www.wvia.org/careersthatwork
- Path to Careers: www.pathtocareers.org
- Pennsylvania Career Link: www.pacareerlink.pa.gov/jponline/
- Soil Science Society of America: www.soils.org