

TEACHER GUIDE CAREER QUIZ



BACKGROUND

There are many careers and opportunities available to students within the oil and natural gas industries. Furthermore, there are many steps in the process of turning hydrocarbons into the products we use and the products students have been identifying in the Hydrocarbon Hunt app. Each step in the process holds many different employment opportunities – everything from geologist to chemical engineer, process technician and millwright. These career activities aim to engage students in determining what careers are available in the industry and how these careers might relate to their interests. Students will participate in an online quiz and independent research. This may be an excellent time to combine efforts with the school librarian and/or career educator to allow students an introduction or review of résumé or CV writing and career planning.

OBJECTIVEVS

- Students will be able to identify careers in the petroleum and natural gas industry.
- Students will be able to prepare a career profile, listing education, qualifications, and attributes necessary for a field in which they may be interested.

MATERIALS

- Internet access
- LinkedIn Profile Template

PREPARATION AND PROCEDURE

TIME: 30 MINUTES, PLUS ADDITIONAL TIME FOR RESEARCH.

- Make copies of the template for students.
- Preview the **career quiz** to prepare for any questions that might arise as students take part.
- Pick an item from one of the rooms in the VR game, Hydrocarbon Hunt. Ask students to quickly jot down the types of jobs they think might be involved with creating that item. Challenge students to trace back mentally as far as they can, even to the source materials and where/how they are recovered. Ask them also to think about each step in the process of getting it to them.
- Ask the students to share their lists with partners to compare and discuss any items they may have forgotten.
- Direct students to take the careers quiz and determine their hydrocarbon-related career.
- Ask students to conduct research on the field and complete a generic career profile, similar to those used in the social program, LinkedIn™. These can be completed on paper using the blank template, or you can ask students to create one digitally using word processor software, etc. Students may wish to specialize even further on careers as they research their field.
- Ask students to share their career and profile with the class, highlighting requirements and interesting facts about the career activities.