

English in the Lab

WebQuest Description: English for chemistry students

Grade Level: 9-12

Curriculum: Foreign Language

Keywords: English chemistry lab

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Introduction

Over the course of your studies and career you may decide to go abroad and work in an international environment requiring a good understanding of English both for performing your work correctly and communicating with your colleagues in your everyday environment. This webquest was designed to introduce you to some of the situations you may be faced with in your laboratory and how to deal with it in English.

Tasks

You and your colleague have just been assigned to a brand new laboratory and it is your responsibility to make sure that safety and emergency instructions are easily accessible for anyone who might need to work in the lab. You have been asked to create a poster that anyone can refer to easily, detailing a number of safety rules and emergency procedures. You will need to explore the documents to identify the recurring dangers you and your colleagues might be faced with while working in a laboratory. You will also need to anticipate on any type of emergency situation and the way to handle any such problems in order to create a clear though detailed instruction poster for your lab. By the end of this activity you will have learned how to express instructions in a laboratory environment and will have acquired a good command of the basic lexical content needed to work in a lab and interact with your colleagues in English.

Process

1) Identify safety measures and possible dangers. Student n°1 : You will need to go through the documents provided and identify the main safety rules that need to be applied when working in a lab. You can watch the video and take notes to help you find ideas, such as common mistakes or you can detail what equipment should be used and why. Student n°2: Go through the documents and identify emergency situations that are likely to occur in your work environment. Think of what information will be needed in the event of an emergency, what steps to follow. Both: remember to pay attention to the vocabulary used and the recurring grammatical structures so as to help you create your poster. 2) Discuss and Decide on Organizing the relevant information. Discuss with your partner and decide on what main instructions you need to detail on your poster as well as how best to organize and phrase safety and emergency procedures in English. Don't hesitate to ask your teacher for any information. 3) Edit your poster. Edit your poster on your computer using preferably a powerpoint or any other tool you find useful and be prepared to show it to the class and to argue for your choices, based on the information you gathered from the documents.

Evaluation

You will need to send or hand in your poster to your teacher for evaluation, and your presentation to the class will be taken into account as well. Evaluation Criteria will include:- correct grammatical structures and spelling and oral expression- good use of the lexis used in the documents- comprehensive choice of rules- arguments provided in your presentation to the class- instructions are straightforward and to the point

Category and Score					Score
				Total Score	

Conclusion

Good Job!

Teacher Page

Standards

Credits

Other