

# Do we need knowledge of chemistry in everyday life?

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## *Abstract*

Although not everyone will be a chemist, chemistry affects many aspects of our lives. For example, food chemistry allows you to understand what nutrients are present in different foods, how food additives work, and what processes occur during cooking and baking. Chemistry knowledge helps you make informed food choices and understand the impact of food on your health. Chemistry is involved in the production of cosmetics, cleaning products and personal care products. Understanding the chemical ingredients present in these products helps you make informed choices and avoid substances that are harmful to our health or the environment. Understanding the basic principles of chemistry allows you to better understand the impact of our activities on the environment. Chemical knowledge is essential in considering problems related to air and water pollution, climate change and ways to reduce the negative impact on the natural environment. Chemistry is an integral part of medicine and pharmacy. Chemical knowledge is used to develop drugs, diagnose diseases, analyze laboratory samples, and many other aspects of healthcare. Chemistry knowledge can help you understand how different chemicals work, such as detergents, cleaners, dyes, and painkillers. This may contribute to the safe and effective use of these substances in daily household activities.

The article presents the results of research on adults regarding their role of observing and using chemistry in their daily lives.

## *Keywords*

teaching chemistry, key competences