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**ENGLISH FOR CHEMISTRY
STUDENTS**



**TOSHKENT VILOYATI CHIRCHIQ DAVLAT PEDAGOGIKA
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FAKULTETLARARO CHET TILLAR KAFEDRASI

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O'quv uslubiy qo'llanma

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O'quv uslubiy qo'llanma kimyo yo'nalishi talabalari uchun mo'ljallangan. Ushbu o'quv qo'llanma talabalarga ingliz tilini o'z yo'nalishi bilan uyg'unlikda o'rganish uchun yordam beradi. O'quv uslubiy qo'llanma talabalarni nafaqat mashg'ulotlar davomida foydalanishlari uchun balki, ingliz tilini mustaqil o'rganishlarida ham foydalidir.

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Uslubiy qo'llanma tuzilishi 18ta mavzudan iborat. Har bir mavzu talabalarga mavzu haqida umumiy ma'lumot beruvchi ingliz tilidagi ma'lumot, mavzuga aloqador lug'atlar ro'yxati va o'rganilgan ma'lumotlarni takrorlash va mustahkamlash uchun topshiriq va testlardan iborat.

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Introduction

The study of chemistry allows us to understand the natural world, leading to numerous advances in human knowledge and technology. As a result chemistry has become an integral part of our everyday lives, shaping the world we live in and the products that we consume. The ability to communicate effectively is paramount for those who study and work in the field of chemistry. It is essential for chemistry students and professionals to develop English language skills to read scientific literature, write reports, and communicate with their peers in the English speaking world.

This book is designed to provide a comprehensive and accessible guide for chemistry students who seek to improve their English language skills in the context of their chosen field. This structure allows readers to focus on the specific topics that are most relevant to their needs with specific sections for grammar, vocabulary, and pronunciation. It introduces the basic English language skills necessary for studying chemistry and familiarizes readers with scientific vocabulary. As learners move through topics they will explore a variety of chemistry spheres with useful vocabulary its definition and fortifying exercises. The textbook also includes some specialized areas of chemistry such as nuclear chemistry, organic chemistry, polymer chemistry, surface chemistry and forensic chemistry. These chapters provide the diverse applications of chemistry in various industries and fields of research, highlighting the importance of effective communication in English for chemistry professionals. All subjects are essential for a well-rounded understanding of chemistry and the textbooks focus on English language ensures that readers can confidently discuss and explain these concepts in professional setting.

It is our hope that this book will serve as a valuable resource for students, educators, professionals providing the tools and proper knowledge necessary for success in the

field of chemistry. As you embark on your journey through the pages of this book you can find useful materials to consolidate your gained knowledge. Not only learners but also teachers of English or chemistry subjects may find it useful while conducting classes with the students who are in this field. The book provides different activities which can be used during lessons in the purpose of making the group more active and interested. The valuable tasks with reliable information support the development of English language skills throughout the course. This book will inspire each reader to continually change themselves, expand their knowledge, and refine their English language skills in the context of chemistry.

In conclusion manual aims to support you with a comprehensive and engaging resource to provide your journey towards mastery of English language within the field of chemistry. It also features supplementary materials that will further enhance your learning experience which include self assessment quizzes, additional exercises, matching tasks all of which are aimed to consolidate your knowledge.

In closing, we would like to express our gratitude to many educators, researchers, and professionals who have contributed their expertise and insights to the development of the book by their materials related to our chosen issue.

Theme 1. Introduction to English for chemists

- Aims of the lesson : to introduce students to each other and the subject
- To make students aware of the objectives and aims of the subject
- To teach learners using new vocabulary about getting introduced like question words and introductory terms

Activity 1. Welcoming guests. Teacher will divide the class into 2 groups and ask them to introduce themselves by mentioning an interesting fact about themselves. Students will be divided list of essential words for introducing themselves and save it for future applications.

Essential Words for Making a Good First Impression in English

Knowing the appropriate words to use while introducing yourself is crucial, especially if you are not a native English speaker or are just beginning to learn English. Making a good first impression and establishing rapport both require a firm grasp of the English language.

You can **introduce yourself in English** using the terms below.

-One of the most crucial parts of any self-introduction is the giver's name. Just introduce yourself by saying, "*Hi, my name is [your name].*"

-A person's occupation is indicated with the phrase "*I work as*" followed by the person's specific job title.

-When asked where you're from, the standard response is "*I'm from [your country/city].*"

-Interests: "*In my free time, I like to [your hobby/activity].*" when describing something you enjoy doing.

-You can talk about your relatives by saying something like, "*I have [number] [siblings/parents/children].*"

-You can talk about your academic credentials by saying something like, "I have a [degree/diploma in]," which is shorthand for "I have a [degree/diploma in] in [area of study]."

-You can say, "I speak [language/s]," to specify the languages you know.

Use these words to introduce yourself in English with confidence and make a fantastic first impression. **Don't forget** to exude assurance and friendliness when interacting with others. To sum up, it's not necessary to struggle through an awkward introduction in English. You can boldly introduce yourself to new people and begin forming connections if you have the appropriate words and a welcoming demeanor.

Activity 2. Guess who is it. Teacher will distribute handouts with pictures of different people to subgroups of the class and instruct them that 1 group will introduce a picture and other should find who is it. Each answer will be evaluated and given feedback by teacher.



Activity 3. Asking questions. Initially, teacher will introduce question words to the class by a video and distribute list of them. Students will make a simple question using the words

and accomplish some other task like gap filling or matching

question word	function	example sentence
what	asking for information about something	What is your name?
	asking for repetition or confirmation	What? I can't hear you. You did what?
what...for	asking for a reason, asking why	What did you do that for?
when	asking about time	When did he leave?
where	asking in or at what place or position	Where do they live?
which	asking about choice	Which colour do you want?
who	asking what or which person or people (subject)	Who opened the door?
whom	asking what or which person or people (object)	Whom did you see?
whose	asking about ownership	Whose are these keys?
why	asking for reason, asking what...for	Why do you say that?
why don't	making a suggestion	Why don't I help you?
how	asking about manner	How does this work?
	asking about condition or quality	How was your exam?
how + adj/adv	asking about extent or degree	see examples below
how far	distance	How far is Pattaya from Bangkok?
how long	length (time or space)	How long will it take?
how many	quantity (countable)	How many cars are there?
how much	quantity (uncountable)	How much money do you have?
how old	age	How old are you?
how come (informal)	asking for reason, asking why	How come I can't see her?