

# Activity 15

Print your name here.

Activity

*Write a letter to your instructor for this assignment.*

## **Write a Letter Based on Chemistry Information Provided.**

Letters are a written, typed, or printed communication, especially one sent in an envelope by mail or messenger.

A letter is one person's written message to another pertaining to some matter of common concern. Letters have several different types: Formal letters and Informal letters. Letters have been sent since antiquity and continue to serve a purpose today.

Letters are a way to connect with someone not through the internet. Despite email, letters are still popular, particularly in business and for official communications. Letters have some advantages over email:

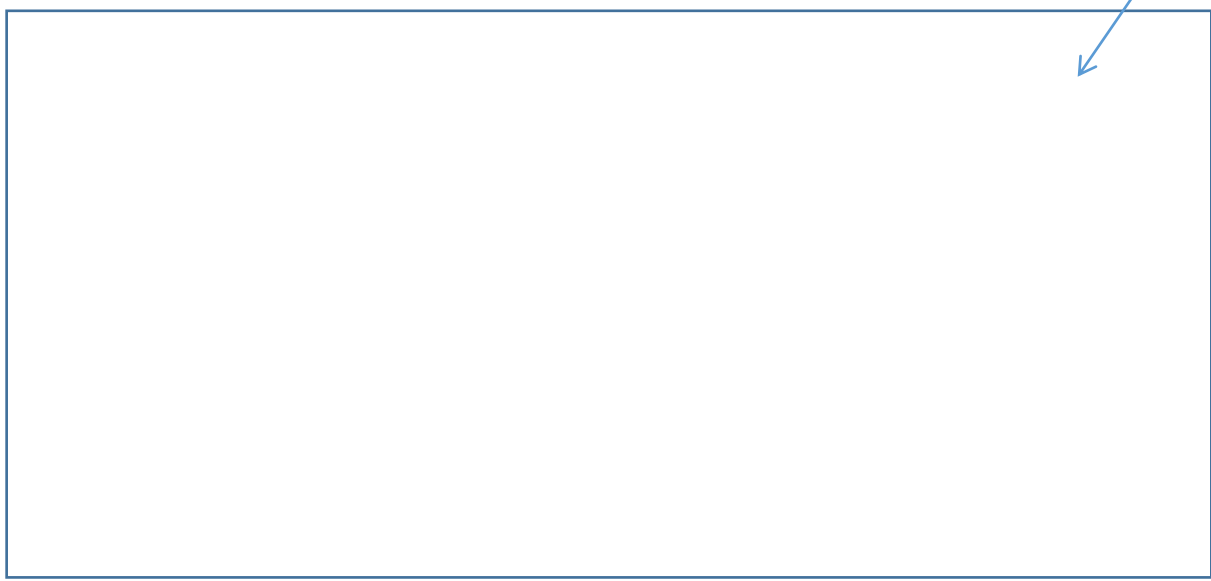
- No special device is needed to receive a letter, just a postal address, and the letter can be read immediately on receipt.
- Letters, especially those with a signature and/or on an organization's own notepaper, are more difficult to falsify than is an email and thus provide much better evidence of the contents of the communication.
- Letter writing can provide an extension of the face-to-face therapeutic encounter.

[https://en.wikipedia.org/wiki/Letter\\_\(message\)](https://en.wikipedia.org/wiki/Letter_(message))

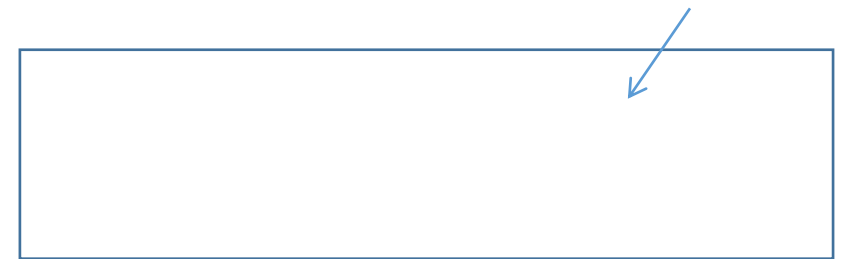
**Instructions: Use the science information provided to you for constructing the content of your letter's body.**

- 1. Hand-write your letter on the back of this page.**
- 2. DATE.** *Write today's date in the date box.*
- 3. ADDRESS.** *Address the letter to your instructor in the "Address Block" box.*
- 4. GREETING.** *Start your letter with an appropriate salutation such as Dear ...*
- 5. BODY.** *Write 70 words or more about the topic you have been assigned.*
- 6. CLOSING.** *Sign your letter beneath the "Sincerely" expression.*

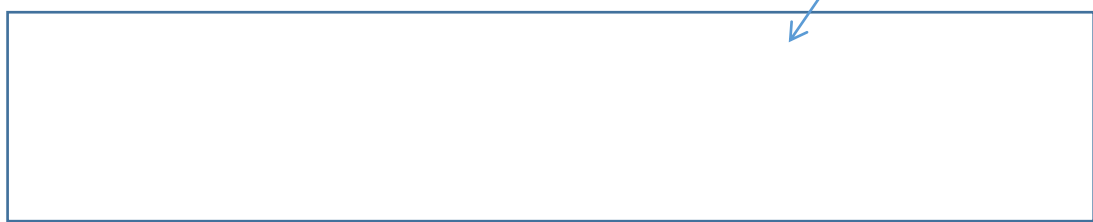
3. Write your instructor's name followed by  
Your schools address, city, state, zip code.



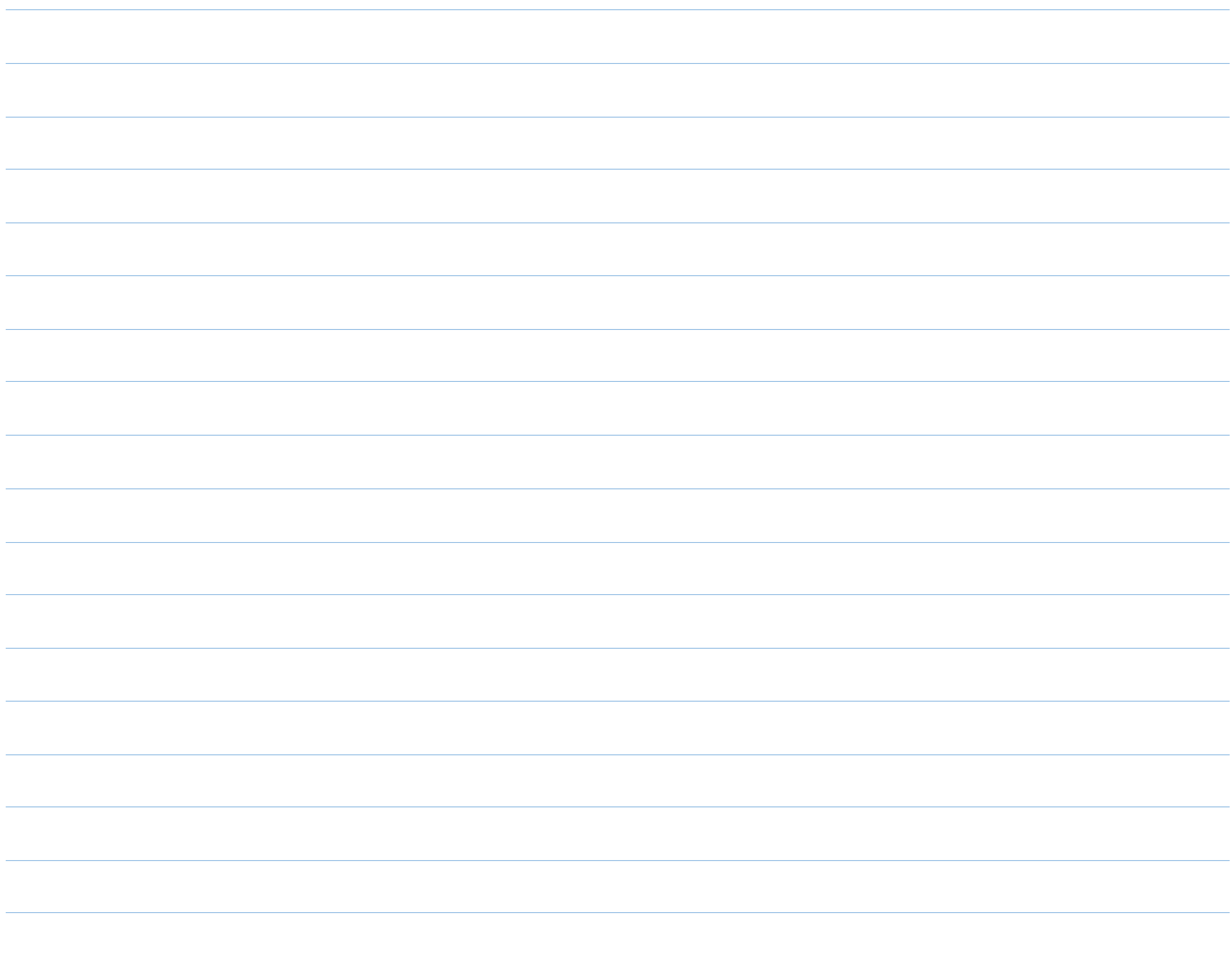
- 1. Hand write your letter.
- 2. Write today's date here.



4. Write your greeting here.

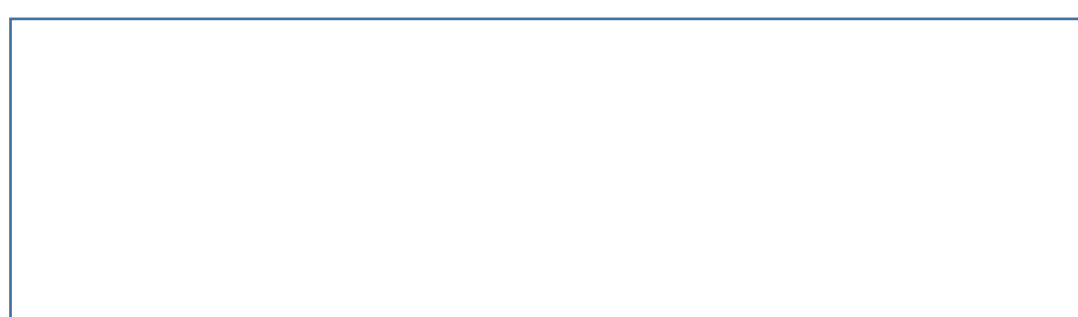


5. Write the body here (70 words)



6. Sign your letter here.

Sincerely,



# Activity 15 Letter Topic

*Use the Chemistry information provided below to write a letter .*

**Write a letter to your instructor based on this information.**

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## **Chemistry 11. Welcome to Chemistry**

This introductory topic presents a broad overview of chemistry along with a summary of this curriculum. Knowledge of chemistry is useful to almost everyone. Even if we are unaware of it, chemistry occurs all around us all of the time. An understanding and appreciation for chemistry is useful for a broad array of jobs and industries – from healthcare to business roles and even artists. Certainly, chemistry is at the forefront and center of many important aspects of our daily lives. Chemistry is involved with materials we use, energy sources we consume, control of diseases, food supply processes, medicines, and other aspects. Chemistry bridges across the other natural sciences. Chemistry's relationship with life science, physics, as well as Earth and planetary sciences is evident to science students as they become familiar with the discipline of chemistry. In this set of topics, students will acquaint themselves with a new, microscopic world of wonder – they will identify ways to solve real-world problems – and perhaps most importantly, they will prepare themselves for their own future.

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## **Chemistry means Work for millions people**

World economy and the job of the majority of people greatly depend, directly or indirectly, on Chemistry: the high value added products of the chemical industry continuously open up new fields of application and pave the way to progress and innovation in other industries: aerospace and car industries, telecommunications, electronics and the building sector.

<http://www.whatischemistry.unina.it/en/industry.html>

# Chemistry Reminders

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**Selected Key Words:** *Atomic; Average; Binary; Boiling; Bond; Buoyancy; Chemical; Coefficients; Colloid; Combustion; Compound; Covalent; Decomposition; Diatomic; Diffusion; Distillation; Double; Ductile; Electron; Electrons; Element; Groups; Heat; Heterogeneous; Homogeneous; Ionic; Isotopes; Kinetic; Law; Malleable; Mass; Melting; Metallic; Metalloids; Metals; Molecule; Neutrons; Nonmetals; Nucleus; Oxidation; Pascal; Periodic; Periods; Physical; Polyatomic; Pressure; Products; Protons; Quarks; Reactants; Semiconductors; Single; Solution; Sublimation; Substance; Suspension; Synthesis; Transitional; Tyndall; Viscosity.*

**Chemistry is a natural science.** Chemistry is the scientific discipline involved with compounds composed of atoms, *i.e.* elements, and molecules, *i.e.* combinations of atoms: their composition, structure, properties, behavior and the changes they undergo during a reaction with other compounds. Chemistry addresses topics such as how atoms and molecules interact via chemical bonds to form new chemical compounds. There are four types of chemical bonds: covalent bonds; ionic bonds, hydrogen bonds; and Van der Waals force bonds. Chemistry is sometimes called the central science because it provides a foundation for understanding both basic and applied scientific disciplines at a fundamental level. (*Wikipedia*)

**Natural science** is a branch of science concerned with the description, prediction, and understanding of natural phenomena, based on empirical evidence from observation and experimentation. Mechanisms such as peer review and repeatability of findings are used to try to ensure the validity of scientific advances. (*Wikipedia*)