

# Activity 15

Print your name here.

Activity

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

## **Write a Letter Based on Physical Science 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:

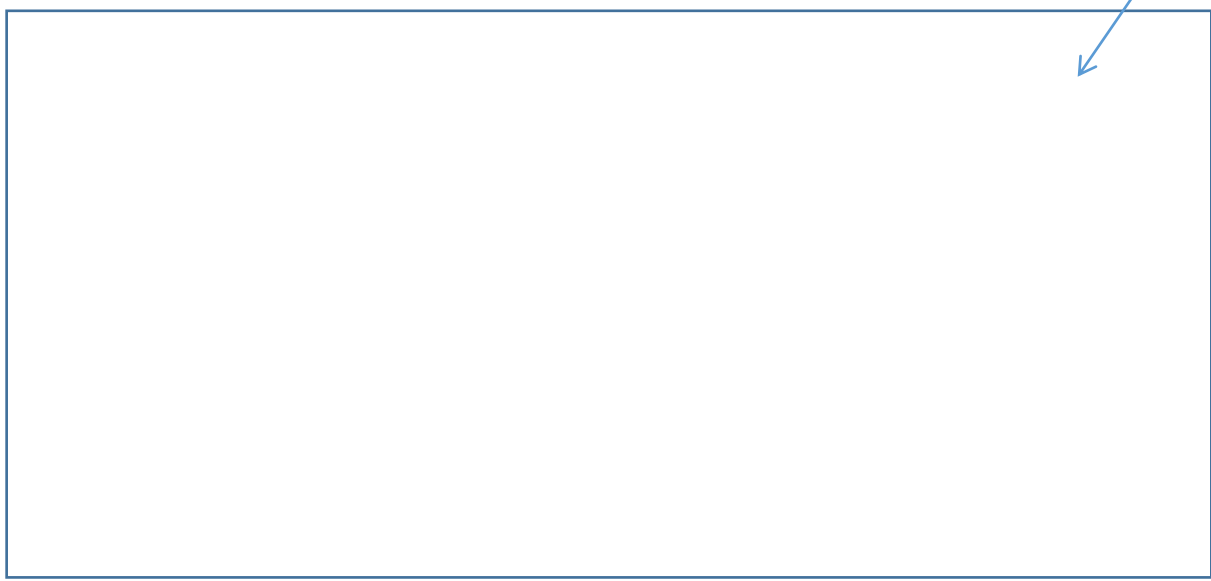
- No special device is needed to receive a letter, just a postal address, and the letter can be read immediately on receipt.
- Letters, especially those with a signature and/or on an organization's own notepaper, are more difficult to falsify than is an email and thus provide much better evidence of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

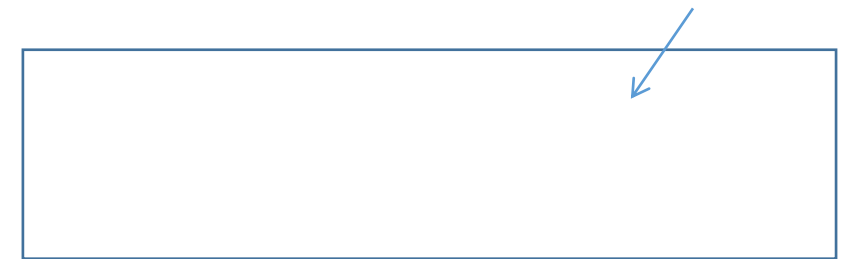
**Instructions: Use the science information provided to you for constructing the content of your letter's body.**

- 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.*

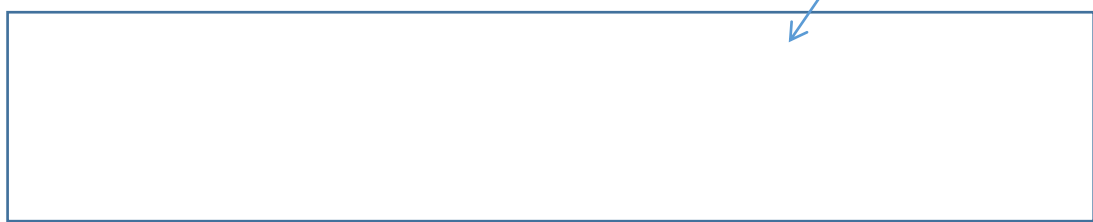
3. Write your instructor's name followed by  
Your schools address, city, state, zip code.



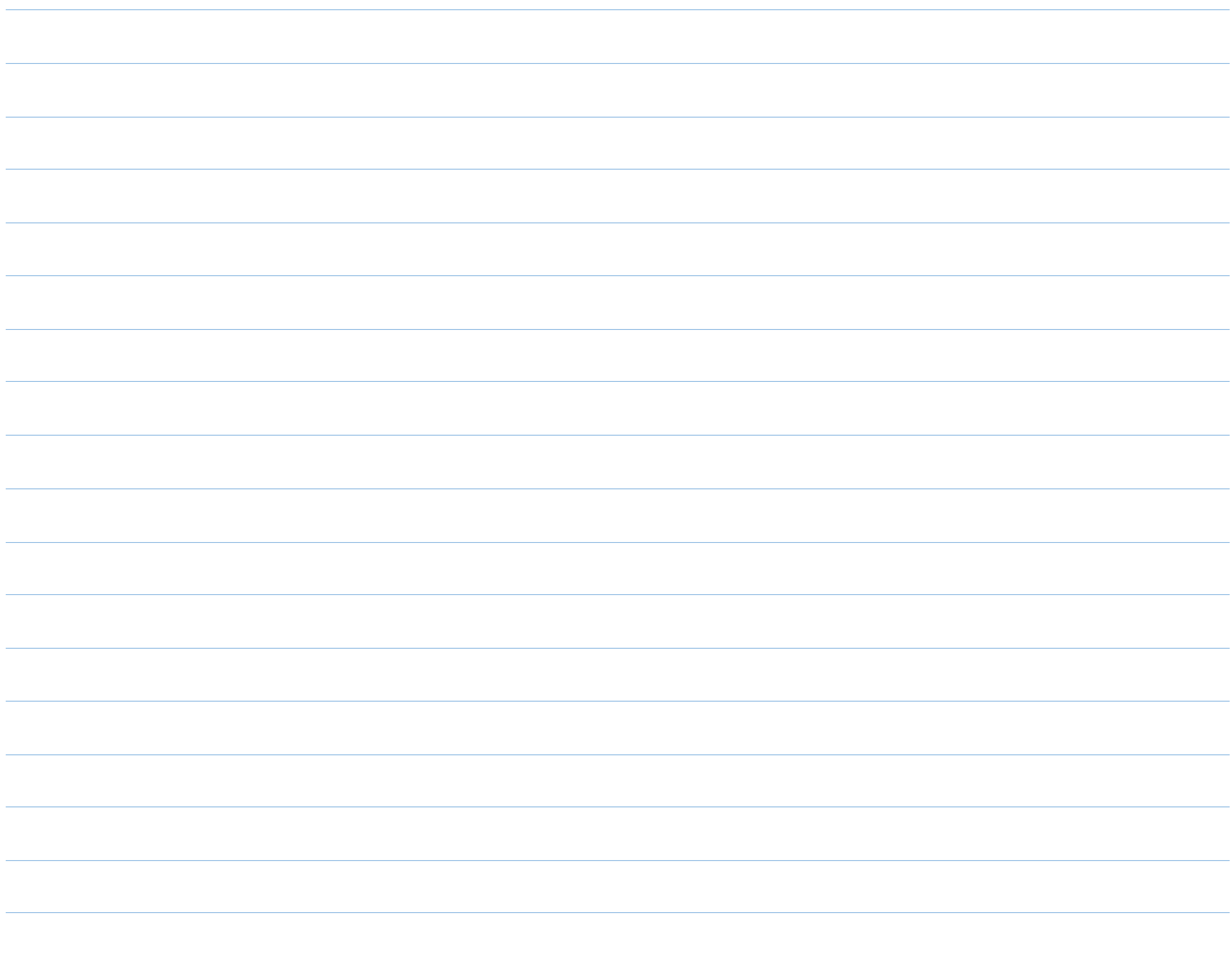
1. Hand write your letter.
2. Write today's date here.



4. Write your greeting here.

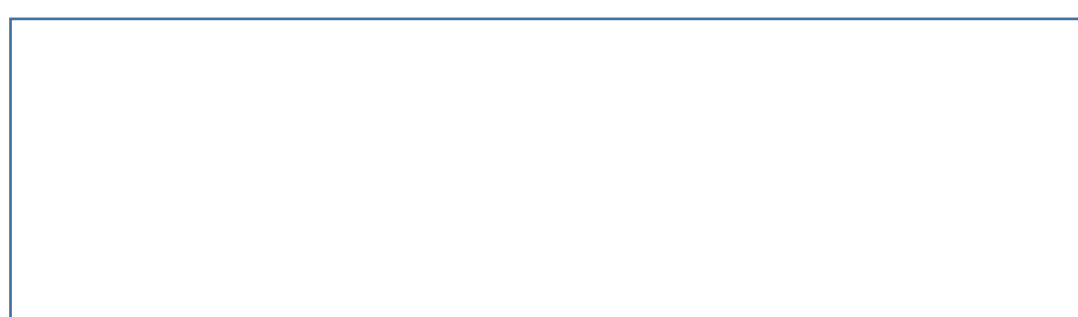


5. Write the body here (70 words)



6. Sign your letter here.

Sincerely,



# Activity 15 Letter Topic

*Use the physical science information provided below to write a letter .*

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

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## **Physical Science 11. Welcome to Physical Science**

*Physical science includes the natural sciences concerned with the study of inanimate natural objects, including physics, chemistry, earth science, astronomy, and related subjects. Physical science is the scientific study of non-living things.*

- **Physics** is a natural science that involves the study of matter and its motion through *spacetime*, along with related concepts such as energy and force. More broadly, it is the general analysis of nature, conducted in order to understand how the universe behaves.
- **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.
- **Earth Science** is the study of the Earth and its neighbors in space. It is an exciting science with many interesting and practical applications. Some Earth scientists use their knowledge of the Earth to locate and develop energy and mineral resources. Others study the impact of human activity on Earth's environment, and design methods to protect the planet.

# Physical Science Reminders

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**Key Words:** *acceleration - balanced - energy - force - friction - gravity - inertia - kinetic - Law - metalloid - meter - molecule - natural - noble - nonmetals - objective - period - polar - precision - procedure - prototype - repeatable - resolution - scatter plot - scientific - semiconductor - system - technology - theory - transition - trial - unit - variable - volume - weight*

**Physical Science is a natural science.** Physical science is an encompassing term for the branches of natural science and science that study non-living systems, in contrast to the life sciences. However, the term "physical" creates an unintended, somewhat arbitrary distinction, since many branches of physical science also study biological phenomena. There is a difference between physical science and physics. (*Wikipedia*)

**NOTE:** When possible, scientists test their hypotheses using controlled experiments. A controlled experiment is a scientific test done under controlled conditions, meaning that just one (or a few) factors are changed at a time, while all others are kept constant. (*Khan Academy*)

**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*)

**Chemistry**

**Physics**

**Earth & Planetary Science**