

UNIT 1: NATURE OF SCIENCE AND LAB SAFETY

Topics Covered:

- Observations and Inferences
- Chemistry
- Scientific Method

UNIT OBJECTIVES

- ❑ Know the definition of chemistry and be knowledgeable about specific disciplines of chemistry
- ❑ Understand the nature of the scientific method and distinguish among hypothesis, theory, and law



OBSERVATIONS
AND INFERENCES

OBSERVATIONS AND INFERENCES

↳ based on fact

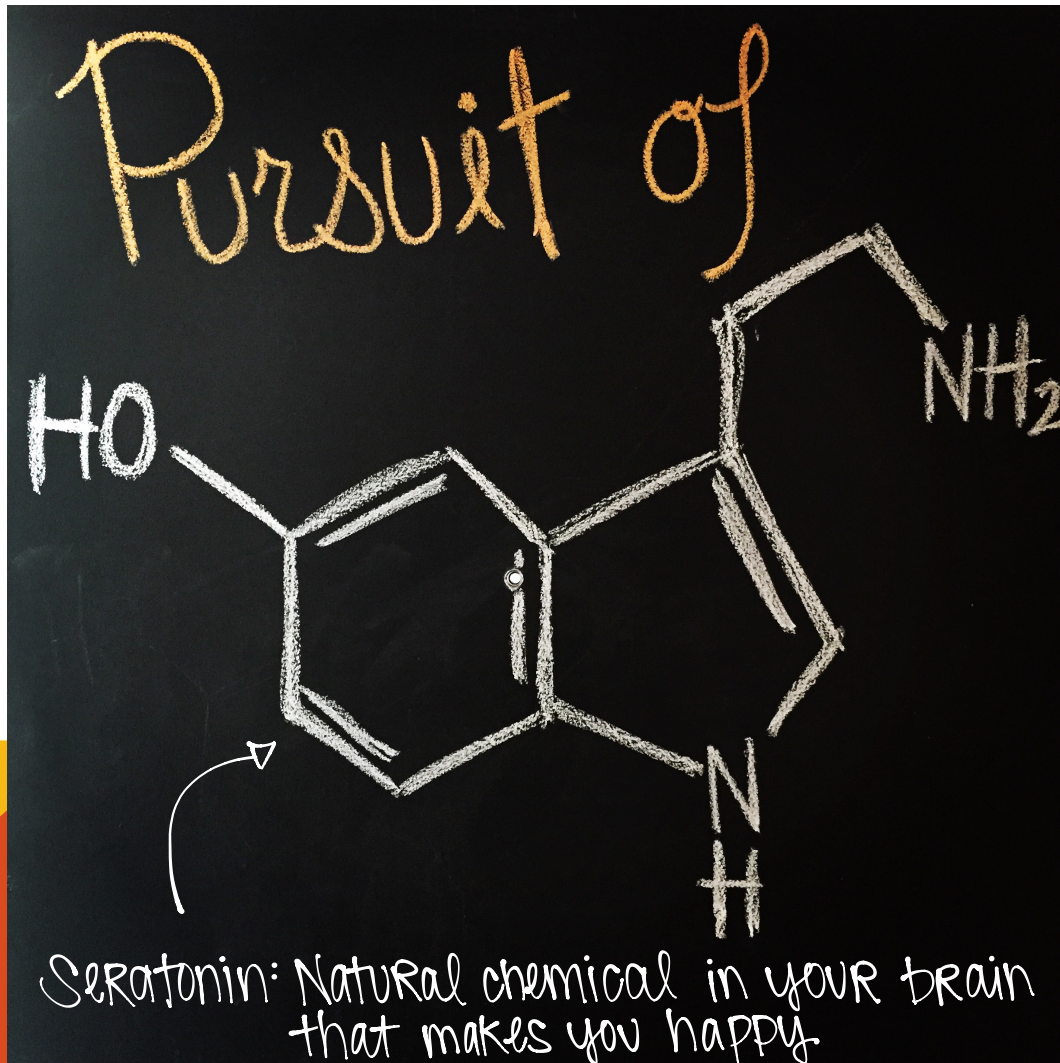
Observation: Objective description based on one OR MORE of the

↳ five senses
taste, touch, smell, sight, hear

↳ based on opinion

Inference: Subjective description based on one OR MORE of the five senses

OBSERVATIONS AND INFERENCES



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OBSERVATIONS AND INFERENCES



GARFIELD 😊

OBSERVATIONS AND INFERENCES



Parthan on
(Greece)

OBSERVATIONS AND INFERENCES



Marij
(Mom)

Anton
(Brother)

Me

Ben
(Dad)