

Unit 1 Lesson 1 ①
What is science?

science: the study of the natural world

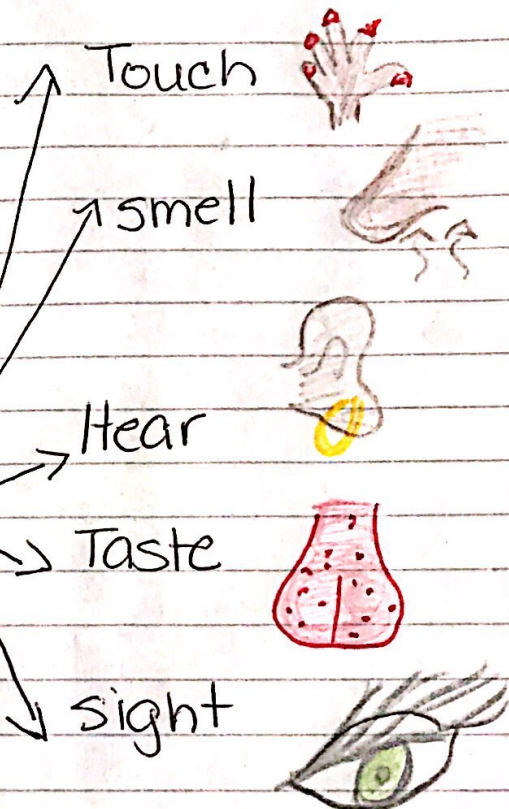
Scientists learn about the natural world through:

① Investigations: procedures carried out to carefully observe, study, or test something

② Observations: use ⑤ senses to collect information

Skills used by scientists:

- observe
- compare
 - Similarities / differences
- classify -
 - sort by characteristics
 - color
 - texture
 - Rough / smooth
 - shape
 - size
 - patterns



Unit 1 lesson 1 (2) What is Science?

Evidence = "Proof"

- information collected during investigations
 - Photos
 - Videos
 - Experts

Infer (Inference)

- Ideas or conclusions based on observations

Example:

Observation: The sky is covered with cumulonimbus clouds.

Infer: It is going to rain.

Opinion:

- a belief or a judgement
- includes feelings
- NO Proof
- NOT SCIENCE

- "Beautiful"
- "Delicious"
- "Amazing"
- "Ugly"
- "Cute"
- "Gross"
- "Weird"

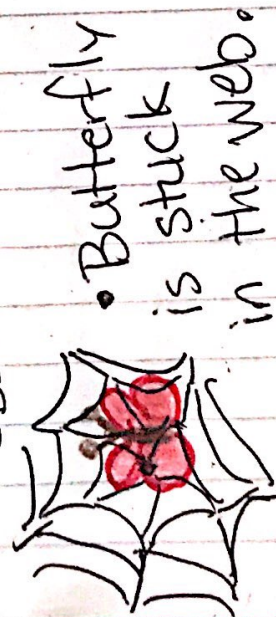
Opinion

- The spider is mean because he will eat the beautiful butterfly.

Inference

- A spider will use the butterfly as a meal.

OBSERVATION



- Butterfly is stuck in the web.

- The web is sticky.