

PROCEDURE (CONT'D)

Procedure C:

- Remove the gumdrops from the bag.
- Cut each gumdrop in half to ensure your partner has a sample of each gumdrop.
- First, **smell each gumdrop (ensure they are cut in half) and fill out table 2 with your experimental smell.**

Procedure D:

- **Now, taste each gumdrop and fill out the experimental taste column in table 2.**

Procedure E:

- Fill in the **ACTUAL FLAVORS** given by your teacher in **TABLE 2.**

Procedure F:

Answer the conclusion questions

*Glue this side down into
your notebook*

Gumdrop Lab



Purpose:

- To practice using observations to make predictions

Materials:

- Candy gumdrops, plastic knife, plate,

Safety:

- Allergies (gluten, peanut, etc...). Do not eat. Have your partner do handling/eating/smelling

INTRO:

Background Info:

- Observations: statements based on the 5 senses.
- Qualitative observations: Observations that use descriptive words
- Quantitative observations: Observations that describe using numbers
- Inferences: Statements based on observations. A possible explanation for what is observed.

Hypothesis:

- No hypothesis needed

PROCEDURE

Procedure A:

- If you have any kind of allergy or if you have even a slight concern that you may be allergic to an ingredient in this candy, have your partner complete the procedure alone.
- Ensure that you have one of each color gumdrop listed in the table (do not remove from the bag)
- Before removing them from the bag, **predict the smell** of each color gumdrop and fill **Part A in Table 1**. Be sure not to use opinionated words (like, dislike, yucky, disgusting etc...). Opinion words and statements are rarely found/used in scientific investigations.

PROCEDURE (CONT'D)

Procedure B:

- Before removing them from the bag, **predict the taste** of each color gumdrop and **fill Part B in Table 1**. Be sure not to use opinionated words (like, dislike, yucky, disgusting etc...). Opinion words and statements are rarely found/used in scientific investigations.