

# **Science 8 Co-Constructed Data Analysis Criteria**

Created by grade 8 classes at Michael Strembitsky School

**Good data analysis in Science will include the following criteria:**

## **1. Clarity**

- answers the question being asked
- is concise/ gets to the point

## **2. Explanation & Detail**

- includes an explanation for observations / tells us why it happened
- includes evidence observed - qualitative descriptions AND quantitative measurements (if recorded)
- has details like exact numbers, colours, etc.

## **3. Language**

- specific language
- clear, strong language (does not say things like 'maybe' or 'I think')
- uses science vocabulary we have learned (ex. 'diffuses' instead of 'goes into')

## **4. Accuracy**

- any evidence or observations used are for the correct questions
- answer is correct

## **5. Presentation and Communication:**

- Writing is neat enough to read
- Spelling, punctuation and grammar are used correctly
- All answers are in complete sentences
- Name (first and last) should always be on our work

***This category is important because it:***

- makes answer less confusing / easier to understand
- is more professional
- makes sense to someone new
- means our work is respected

***\*Before you turn in your work, have a friend check for the criteria above!***