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Chemistry H Purple Class

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Bean Lab Discussion

In the bean lab, students were required to count and calculate the amount and mass of various beans. Upon doing this, students discovered a very peculiar thing, the amount of beans determined to be in a bunch for each varied. This is to suggest that although they are different numbers, the mass of the item compared to the amount in the bunch will be the same. Multiple groups of students attempted this lab but some did not get the same fractions for each of the beans. This is ok (ok is too informal, use alright) because the students used a different standard of comparison, the smallest bean used, to determine their answer. For example, some students used a grain of rice while others used a kernel of popcorn. In the end the “thing” will be the same mass, but in different units. In addition, students learned how to “count without counting”. It is said that if a person is massing, they are counting without counting especially. (why is this word here?)

-Can’t the conclusion of the evidence recorded in this lab be expressed as one sentence? :

The mass of any bunch of ‘beans’ is linearly relates to the number of ‘beans’ in that bunch.