

1969

NABT Convention in Philadelphia in October, 1969

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the Science and Mathematics Education Commons

Let us know how access to this document benefits you

Copyright © Copyright 1969 by the Iowa Academy of Science

Recommended Citation

(1969) "NABT Convention in Philadelphia in October, 1969," *Iowa Science Teachers Journal*: Vol. 6 : No. 4 , Article 10.

Available at: <https://scholarworks.uni.edu/istj/vol6/iss4/10>

This Article is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Table 1
Typical Experimental Data

Trial	a (gm)	V (cc)	P_a	P_t	k	Difference from Mean
1	0	10.2	0.0	1006.4	10,265.	257
2	124	9.8	61.7	1068.1	10,466.	56
3	624	8.2	310.4	1316.8	10,798.	276
4	1124	6.8	559.2	1565.6	10,646.	124
5	1624	5.8	808.0	1814.4	10,524.	2
6	2124	5.2	1056.7	2063.1	10,728.	206
7	2624	4.6	1305.5	2311.9	10,635.	113
8	3124	4.0	1554.2	2560.6	10,242.	280
9	3624	3.7	1803.0	2809.4	10,395.	127

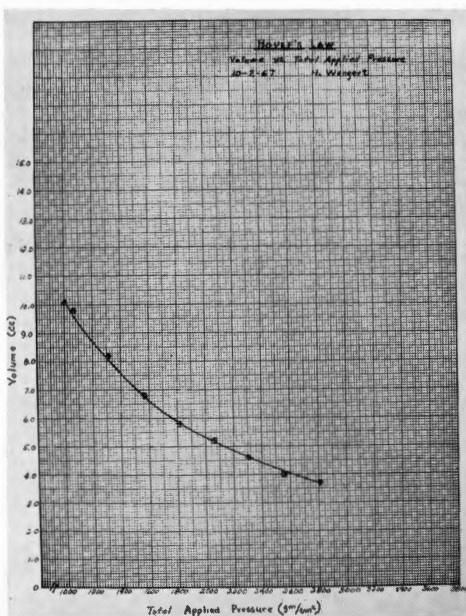


Figure 2

more satisfactory than the others. This was a 12 cc monoject syringe manufactured by Roehr Products Co., Inc. The syringes of this type that were used in the classroom were donated to the school by a local veterinarian.

This particular approach to Boyle's Law can be incorporated into a lecture-discussion, student-laboratory, or individualized method of teaching. It also has the advantage of little or no expense, no danger of mercury poison-

ing, and being versatile enough to be presented at almost any level of sophistication desired by the teacher. Although the author presented this at the eleventh- and twelfth-grade level, a very similar approach was successfully used at the eighth-grade level. It is the author's opinion, though, that no matter how well an investigation or piece of apparatus works, it is still the guidance by the teacher, whether written, oral, or a combination of written and oral, that is the key to success in any given classroom situation.

NABT Convention in Philadelphia in October, 1969

The National Association of Biology teachers will hold its national convention in Philadelphia, October 8-11, 1969. The theme of the convention will be "Social Implications of Biological Education." Sessions will include consideration of such topics as population control, genetic manipulation, organ transplantation, and environmental pollution.

Plan to attend and participate in the program. For information, write to: Miss Nancy E. Stees, 519 North High Street, West Chester, Pennsylvania 19380.