

1978

A Teaching Calendar

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Conclusion

Table 4 reveals a persistent pattern of significance. For eight of the twelve months \bar{W} and \bar{M} differed significantly, the difference in every case favoring \bar{W} . The observation that Waterloo is warmer than Minneapolis appears to be supported.

The reader and his/her students may wish to:

1. Perform this same procedure for minimum temperatures for the same two cities. Weather information is available for a minimal charge from the National Climatic Center, Federal Building, Asheville, N.C. 28801. In addition, most weather bureaus will have recent official local reports.

2. Pick any two cities in the United States and secure weather data for them. Test the data for the significance of differences between maximums and minimums.

3. Make and test other weather related conjectures using the t-test. You may wish to consult a statistics text to learn the modification of the t-test if your data is not paired.

Reference

Alder, Henry L. and Roessler, Edward B., *Introduction to Probability and Statistics*, 5th edition, Freeman and Company, San Francisco, 1972, 363 pages.

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A Teaching Calendar

"What can we do today?" is a question voiced by teachers at lesson plan time, by children on rainy days, and others with time on their hands. It used to be difficult to find new and interesting learning activities to fill this time, but with *Science Fun, Every Day in Every Way*, there are always answers at hand.

Did you know: On December 28, 1869, chewing gum was patented? On January 3, 1888, Marvin Chester Stone received a patent on artificial drinking straws made from paraffined manila paper? On January 12, 1879, milk was delivered to customers for the first time in glass bottles? These facts and related activities and project are what make *Science Fun* so useful.

The jumbo-sized wall calendar has listings and activities concentrating on science, with reading skills, mathematics, social studies, art and music highlighted. All activities have been classified in a subject index for quick reference. There is also an annotated list of games and additional references.

The calendar can be purchased from Acropolis Books Ltd., 2400 17th St. NW, Washington, DC 20009 for \$9.50. Every day of the year is covered.

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If you think education is expensive, try ignorance.

Derek Bok

President of Harvard University