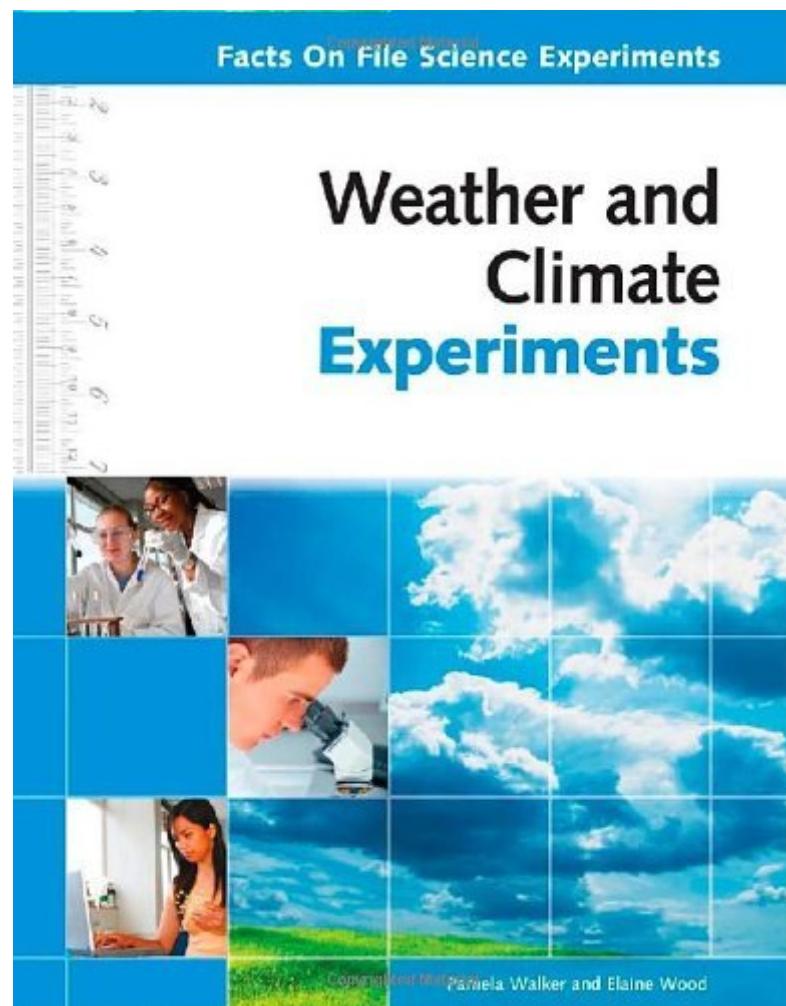


The book was found

Weather And Climate Experiments (Facts On File Science Experiments)



Synopsis

Study of the weather and climate helps students understand weather conditions and the science behind weather research. Temperature, barometric pressure, wind, and precipitation are just a few of the types of data routinely collected and analyzed by meteorologists. By studying weather, students can understand more about what is going on in the world around them. They can also learn to appreciate the work that scientists put into gathering weather data and making accurate predictions. "Weather and Climate Experiments" offers students the opportunity to carry out hands-on activities using weather instruments similar to the ones used by experts. Through experimentation, students make hypotheses, collect and interpret data, draw conclusions, and share their information with others. The text contains 20 proven classroom experiments that broaden students' understanding of both science facts and the nature of science. Appropriate for both middle and high school classes, the investigations are enjoyable and interesting. Activities include investigations of the effects of water's high heat capacity on temperatures, worldwide weather phenomena, and the levels of two weather and climate factors that are impacted by human activities.

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Good resource for middle school science teachers.

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