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The Aesthetics of Scientific Experiments Milena Ivanova, Alice Murphy, 2023-06-16 The relationship between aesthetics and science has begun to generate substantial interest However for the most part the focus has been on the beauty of theories and other aspects of scientific practice have been neglected This book offers a novel perspective on aesthetics in experimentation via ten original essays from an interdisciplinary group comprised of philosophers historians of science and art and artists The collection provides an analysis of the concept of beauty in the evaluation of experiments What properties do practising experimenters value How have the aesthetic properties of scientific experiments changed over the years Secondly the volume looks at the role that aesthetic factors including negative values such as ugliness as well as experiences of the sublime and the profound play in the construction of an experiment and its reception Thirdly the chapters provide in depth historical case studies from the Royal Society which also allows for a study of the depiction of scientific experiment in artworks as well as contemporary examples from the Large Hadron Collider and cases of experiments designed by artificial intelligence Finally it offers an exploration of the commonalities between how we learn from experiments on the one hand and the cognitive value of artworks on the other The Aesthetics of Scientific Experiments will be of interest to researchers and advanced students working in philosophy and history of science philosophy and history of art as well as practising scientists and science communicators

Science Experiments Tricia Dearborn, 2002 Provides clear explanations of the science behind the experiments and a handy list of basic materials and equipment

Science Studies Sabine Maasen, Matthias Winterhager, 2015-09-15 How can we understand the intensifying interactions of science and society It is the interdisciplinary field called science studies that provides us with a rich inventory of analytical approaches They help us explore science as a practice a subsystem a culture and an institution Their joint observation Science today is part and parcel of what has come to be known as knowledge society More than ever knowledge production and consumption are in need of incessant monitoring and sophisticated reflection Nine exemplary studies that inquire into or are themselves examples of the dynamics of scientific knowledge are included here They cover issues as diverse as eugenics climate research and the role of historiography and make use of different tools such as evolutionary reasoning metaphor and bibliometrics Finally they ponder the need for science to go public PUS as well as for society to regulate knowledge and to restructure universities as building blocks of our science system Their joint message Science studies can and should assume an active role in observing reflecting and communicating the intricate encounters of science and society today

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Science John Michels, 1892

A Practical Guide to Early Childhood Curriculum Claudia Fuhriman Eliason,Loa Thomson Jenkins,1981 **The American Indian (Uh-nish-in-na-ba)** Elijah Middlebrook Haines,1888 **English Mechanic and Mirror of Science** ,1892 **English Mechanic and Mirror of Science and Art** ,1892 **Current Background** United States. Consulate General (Hong Kong, China),1971 **Chemical News and Journal of Industrial Science** ,1880 **Electricity and Magnetism** National School of Electricity,1896 *Selected Writings of the Great Marxist-Leninist, Enver Hoxha, on the Life and Work of the Party* Enver Hoxha,1978 *NTC '66* ,1966

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
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