



Understanding the Universe: An Inquiry Approach to Astronomy and the Nature of Scientific Research (Hardback)

By George Greenstein

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2013.

Hardback. Book Condition: New. 282 x 220 mm. Language:

English . Brand New Book. A student-active introduction to

astronomy, emphasizing inquiry learning so students will clearly

understand our universe and the scientific method. Within-text

and end-of-chapter questions check understanding of concepts

and require the student to think critically through astronomy-

based problems. Nature of Science and Detectives on the Case

sections in each chapter encourage students to take on the role

of a scientist and so develop an understanding of how scientific

progress is made, leading students through a chain of

arguments of forming and testing hypotheses, in the context of

specific astronomical topics. By focusing on key topics, the

student is able to develop a deeper understanding of the core

areas of astronomy. Math is used to make intuitive points and

kept simple by using a two-track system to first describe the

logic of the calculation followed by a more detailed example.

Simple illustrations support the text and step students through

concepts visually.



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Reviews

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-- **Romaine Rippin**

The book is great and fantastic. it absolutely was written very properly and beneficial. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Lyda Davis II**

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