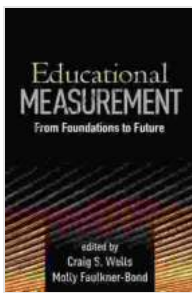


# Educational Measurement: From Foundations to the Future

Educational measurement is the process of collecting, analyzing, and interpreting data about student learning. It is an essential component of education, as it provides information that can be used to improve teaching and learning. Educational measurement can be used to:



## Educational Measurement: From Foundations to Future

by Laura Schlessinger

★★★★☆ 4.7 out of 5

Language : English

File size : 13161 KB

Screen Reader : Supported

Print length : 494 pages



- Diagnose student learning needs
- Evaluate the effectiveness of teaching programs
- Make decisions about student placement and promotion
- Conduct research on student learning

The field of educational measurement has a long and rich history. The first educational measurements were developed in the late 19th century by Sir Francis Galton and James McKeen Cattell. These early measurements were used to study individual differences in intelligence and achievement. In the early 20th century, educational measurement began to be used to

evaluate the effectiveness of teaching programs. This led to the development of standardized tests, which are now widely used in schools and universities.

Today, educational measurement is a complex and multifaceted field. It encompasses a wide range of topics, including:

- **Measurement theory:** The study of the principles and techniques of measurement
- **Assessment:** The process of collecting data about student learning
- **Evaluation:** The process of interpreting data about student learning
- **Educational research:** The use of measurement and assessment to study educational issues
- **Educational policy:** The use of measurement and assessment to inform educational policy
- **Educational technology:** The use of technology to support measurement and assessment
- **Psychometrics:** The study of the psychological aspects of measurement
- **Quantitative methods:** The use of statistical methods to analyze data about student learning
- **Qualitative methods:** The use of non-statistical methods to analyze data about student learning
- **Mixed methods:** The use of both quantitative and qualitative methods to analyze data about student learning

Educational measurement is a rapidly changing field. New technologies and new methods are constantly being developed. This makes it essential for educators to stay up-to-date on the latest developments in the field. The book "Educational Measurement: From Foundations to the Future" is a comprehensive guide to the field of educational measurement. It covers everything from the historical foundations of measurement to its cutting-edge applications. The book is written by a team of leading experts in the field, and it provides a comprehensive overview of the latest research and best practices.

If you are an educator, researcher, or policymaker, then you need to read "Educational Measurement: From Foundations to the Future." This book will provide you with the knowledge and skills you need to effectively use measurement and assessment to improve student learning and educational outcomes.

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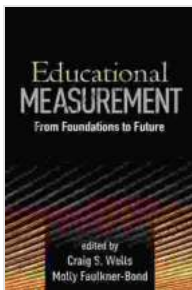
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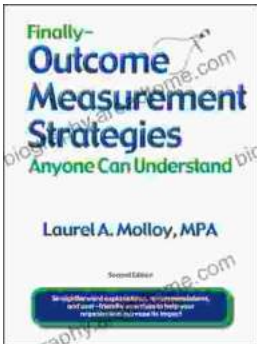
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