Exploring Research Methods in Psychology Using PsychMate

Educating the Next Generation of Psychology Researchers

Exploring Research Methods in Psychology Using PsychMate serves as a key resource for the study of research methods in Psychology.

The text, an intimately linked companion to PsychMate®, provides students with tools to both examine the core concepts of research methods and apply their knowledge through active participation in experiments.

How will the Exploring Research Methods In Psychology Using PsychMate text help me in my classes?

• Discussion of the various stages of research, from terminology, variables, and literature search through scientific communication, presentations, and the publication process.
• Suggestions and references for expanding study topics in every chapter.
• Two-color design makes charts and teaching elements more apparent and effective for students.
• Intimate linking with PsychMate® allows students to relate topics of study to real experiments, for a hands-on approach to learning.
• Guidelines for writing, and a sample APA style paper.
• Complete index of names, and an index of PsychMate® references aid the student in use of the book and locating information.
• The Psychology Experiment Authoring Kit (PEAK) currently available through the PsychMate® software, allows the interested student to design and experience their own research project.
• Tips for applying to graduate schools for students interested in advanced academic studies.

Frequently Asked Questions

Can I get a Desk or Evaluation Copy?
Yes! A desk or evaluation copy is available. Please contact PST directly via e-mail or by phone to receive one.

How Can I Order?
Students may order through the PST shopping cart (http://store.pstnet.com), by contacting PST directly, or instructors may place an order with their bookstore.

How much does Exploring Research Methods in Psychology Using PsychMate cost?

Bundled with PsychMate® $108.00*
Permits students to use PsychMate® for 1 year.
Includes PsychMate® software CD, Student Activation Code, and PsychMate® Student Guide.

Textbook Only $85.00
Does not include the PsychMate® software or PsychMate® Student Guide.

*represents a 10% discount on each product - prices do not include shipping costs or sales tax where applicable.

Place your order through your bookstore or have your students order through the PST shopping cart.

Exploring Research Methods In Psychology Using PsychMate bundled with PsychMate
ISBN 1-880374-95-1

Exploring Research Methods In Psychology Using PsychMate Textbook
ISBN 1-880374-83-8

Copyright 2013, Psychology Software Tools, Inc. All rights reserved. E-Prime®, PsychMate®, CAMC®, and MoTrak® are registered trademarks of Psychology Software Tools, Inc. Other products and companies mentioned herein are trademarks or registered trademarks of their respective owners in the United States and/or other countries. Information in this document is subject to change without notice. Unless otherwise noted, products are intended for research use only and have not been reviewed, certified, or approved by the FDA for clinical purposes. All use of these products must be in compliance with 45 CFR 46 and appropriate human subjects’ procedures.
Chapter 1: Science and Psychology
- Relationships Among Variables
- Ways of Knowing
- Control
- An Analogy
- Science: An Example

Chapter 2: Some Nuts and Bolts of Science
- Some Terms and Definitions
- Hypothesis, Theories, and Models
- Logic and Science

Chapter 3: Variables and Measurements
- Levels of Measurement
- Continuous vs. Discrete Variables
- Dependent, Independent, and Control Variables
- Predictor and Criterion Variables
- Between-Subjects and Within-Subjects Variables
- Measurement and Classification
- Errors in Measurement
- Operational Definition
- Performance vs. Internal States

Chapter 4: Research I
- The Literature Survey
- Ethical Issues in the Treatment of Research Subjects

Chapter 5: Experimentation I
- Keeping a Record of your Methodology
- Experimental Designs
- Validity of an Experiment

Chapter 6: Experimentation II
- Between-Subjects vs. Within-Subjects Designs
- Research Designs with Multiple Independent Variables
- Randomization
- Other Issues in the Conduct of Experiments

Chapter 7: Research II
- Replication
- Marker Variables
- Exploratory vs. Confirmed Research
- Ethics in the Recording, Analysis, and Reporting of Data

Chapter 8: Scientific Communication in Psychology
- Presentation
- Journal Articles
- Manuscript Preparation
- Web-Based Preparation
- Reviewers