



LITTLE

QUICK FIX:

**GET YOUR
DATA FROM
EXPERIMENTS**

Helen
Coleman



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#LittleQuickFix

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SAGE Publications Ltd
1 Oliver's Yard
55 City Road
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SAGE Publications Inc.
2455 Teller Road
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SAGE Publications India Pvt Ltd
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SAGE Publications Asia-Pacific Pte Ltd
3 Church Street
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Assistant editor: Lauren Jacobs
Senior project editor: Chris Marke
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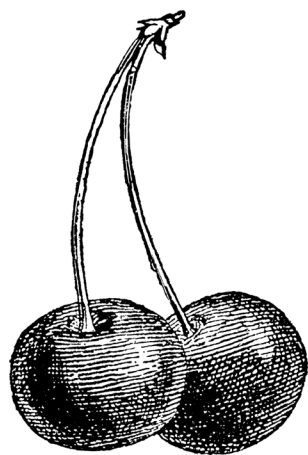
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Everything in this book!

Section 1 An experiment is testing your hypothesis or theory, to discover if what you think is happening, is happening or not.

Section 2 You need a well-designed experiment to provide the *evidence* to support your interpretation of your hypothesis or theory.

Section 3 There are 3 types of experiment to choose from. There are Laboratory/Controlled Experiments, Field Experiments and Natural Experiments.

Section 4 To be ethical, you need to *know your subject, be honest and adhere to the correct, subject-specific codes of conduct.*



Section 5 Your experiment needs to be reproducible. This means you need to be precise, detailed, honest and open about your processes, methods, observations, and any other important elements.

Section 6 Knowing your subject means you can plan the best version of your experiment and minimise systematic errors and reduce random errors.

Section 7 In experiments, you need to collect as much data as possible about the variables relevant to your hypothesis or theory.

Section 8 It's essential to collect and record data honestly, and correctly, in line with the chosen method, so your work can contribute as a valid addition to the body of knowledge in the subject.

Section



**An experiment
is testing your
hypothesis or theory**

