

Boardworks KS3 Science

Current and Voltage

38 slides

- ✓ 20 Flash activities
- ✓ 2 worksheets

What are circuits?

- Early experiments with electricity
- Introducing electrical circuits
- ✓ The components of an electrical circuit
- Drawing electrical circuits
- ✓ Matching components with their symbols
- ✓ Naming components in an electrical circuit

Series circuits

- Introducing series circuits
- Measuring current
- ✓ Investigating current in a series circuit
- ✓ Completing sentences about current in series circuits
- Measuring voltage
- ✓ Investigating voltage in a series circuit
- ✓ Completing sentences about voltage in series circuits
- ✓ Choosing which statements apply to current or voltage
- ✓ Investigating cells in a series circuit
- ✓ Completing sentences about cells in series circuits
- ✓ An interactive activity to make a series circuit
- ✓ Identifying true-or-false statements about series circuits

Parallel circuits

- Introducing parallel circuits
- ✓ An interactive model illustrating current and voltage in parallel circuits
- Current and voltage in parallel circuits
- ✓ An interactive activity to make a parallel circuit
- ✓ Completing sentences about cells in parallel circuits
- ✓ Choosing which statements apply to series or parallel circuits

Summary activities

- ✓ Glossary of keywords in the presentation
- ✓ Anagram activity using keywords
- ✓ Multiple-choice quiz



Worksheets

- ✓ Worksheet 1 – A role play to explore the concepts behind electrical circuits
- ✓ Worksheet 2 – Comparing series and parallel circuits

Boardworks Gcse Science Biology

Richard Parsons



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GCSE Biology AQA 10-Minute Tests (Including Answers) CGP Books,2015-05-18 **AQA Biology for GCSE** Keith Edwin Hirst,Mike Hiscock,2006 Focuses on How Science Works in the real world **Help Yourself GCSE Science -**

Biology Pete Richardson,1990 **GCSE Human Biology** Morton Jenkins,1999-07-16 Intended for achieving examination success this series replaces the former GCSE Study Guides This book which are part of the new Revise GCSE series offers complete study and reference support for the Human Biology GCSE course as well as being a revision guide for the Human Biology GCSE examinations and Scottish Standard Grade It provides a breakdown of the syllabuses and exam structure for every exam board advice on studying revising coursework and exams topic by topic coverage clearly presented with many examples and diagrams quick tests for every topic to check progress and a bank of recent GCSE exam questions with answers to fine tune exam techniques New Biology for You Gareth Williams,Keith Johnson,2006-10-01 This bestselling

GCSE course provides board specific Edexcel support ideal to use alongside any series The CD ROMs include over 1000 supplementary resources to engage and challenge your students Top Biology Grades for You Gareth Williams,2005 These full colour Revision Guides provide board specific support for GCSE Science and are designed specifically to raise standards

GCSE Biology Donald Gordon Mackean,1986 *GCSE Biology* ,1999 **Essential Skills for GCSE Biology** Dan Foulder,2019-06-28 **Biology for You** Gareth Williams,2018-06-28 Covering all GCSE specifications this tried and tested series has been fully updated to match the 9 1 GCSE Biology specifications for first examination in 2018 as well as international specifications With a focus on science concepts develop naturally engaging students and enabling them to get a thorough understanding of Biology *GCSE Biology Workbook* Richard Parsons,2001-07-01 *GCSE Double Science*

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Rapping Up Biology Matt Green,2026-01-22 This revolutionary revision guide from Matt Green The Rapping Science Teacher is the perfect companion to the GCSE Biology course it has everything pupils need to understand and remember key science concepts and it s ideal for ensuring they feel confident walking into their exams Each topic is covered with clear study notes step by step examples and the lyrics to a memorable rap from The Rapping Science Teacher From cell structure to respiration these catchy rhymes help pupils recall tricky concepts with ease To make revision simpler we ve included an exam board alignment guide so you can quickly see where topics appear across AQA and Edexcel specifications Plus retrieval quizzes provide extra practice to reinforce learning and build confidence before exams More in the Series Rapping Up Biology is part of the new Rapping Up series which also includes Rapping Up Chemistry and Rapping Up Physics Collins GCSE Science - GCSE Biology Teacher Pack Ed Walsh,2016-03-11 **Science Foundations: Biology Plus** Jean Martin,2002-05-16 The Science Foundations series offers complete support for GCSE science studies Biology Plus can be

used together with the main Science Foundations Biology book to provide all the material required for a separate science biology GCSE The material is structured to match the AQA modular biology specification although it can be used with other specifications The illustrations and layout are specifically designed to make the concepts accessible The language level is carefully tailored to match the range of ability levels for separate science students There are frequent opportunities for students to confirm their understanding of each key idea as it is introduced via short questions for each key concept and summary passages or exam style extended questions on each spread The book includes a glossary of key words for ease of reference

Twenty First Century Science: GCSE Biology Student Book 2/E Cris Edgell, Neil Ingram, Carol Levick, Cliff Porter, Ann Fullick, Mike Kalvis, Nick Owens, Jacqueline Punter, 2011-05-19 Produced in partnership with OCR University of York Science Education Group and Nuffield Foundation these second editions of the Twenty First Century Science resources provide the best support for the new specifications and make the transition as smooth as possible The Student Book helps you create engaging science lessons

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