Collins

Technology 2016

KS3 GCSE Revision

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Welcome to the 2016 Technology Catalogue

Inside you'll find lots of useful information about resources for GCSE and A-level from Collins, including revision guides and information on free teaching support.

Want to take a closer look? If you would like more information about any of our series, please don't hesitate to contact one of our sales consultants – they'll be happy to answer your questions or visit your school. Find your local representative's details on the back page.

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Key icons used in the catalogue



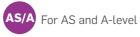
Age 14–16 Age range



GCSE For GCSE



KS3 For Key Stage 3





BTEC For BTEC

Exam board specific

Cambridge

Edexcel

AQA







Collins Cambridge IGCSE® ICT, Second Edition

Authors: Paul Clowrey and Colin Stobart

Age 14–16 Cambridge

Teach the 2014 syllabus for first examination in 2016 with confidence using the second edition of this popular course book.

Student Book

- Build skills with an engaging approach that uses scenarios to link the theory to the practice of ICT
- Fully cover the Cambridge IGCSE® ICT syllabus. Each topic is broken down into manageable chunks to allow you to apply and consolidate your learning
- Fully and comprehensively updated to match the specification and include the latest hardware and software information
- Have confidence in the content and approach of the Student Book, which is written by highly experienced ICT teachers
- Help students prepare for exams with end of session review and revise sections and summary boxes
- The accompanying CD-ROM includes source files to accompany practical tasks

Teacher Guide

- Lesson plans for every session in the Student Book; worksheets for every topic
- Fully supports the approach of the Student Book Second Edition, using scenarios and skills-building to link together the theory and practical parts of the syllabus
- Includes answers to every activity and question in the Student Book
- CD-ROM contains PowerPoint presentations and all the source files from the Student Book CD-ROM
- Written by highly experienced ICT teachers



Endorsed by Cambridge International Examinations



The Teacher's Guide has not been through the Cambridge endorsement process

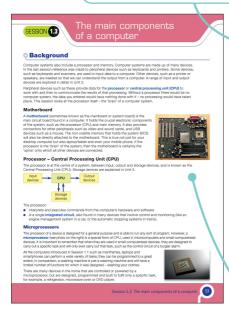
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Activity suggestions that engage students and help them to consolidate what they've learned



Sample pages from Cambridge IGCSE® ICT, Unit 1



Visual approach to engage students

Praise for the 2012 edition:

I have to say that I'm incredibly impressed with the
Collins Cambridge IGCSE ICT textbook. I've been looking for
something that isn't too verbose or too sparse and this certainly
fits the bill perfectly! I am also very impressed with how the
Theory and Practical work are linked together. I also feel that
the students will benefit greatly from the videos.
International School based in Belgium

| TITLE | ISBN | Price | |
|--|-------------------|---------|--|
| Collins Cambridge IGCSE® ICT, Second Edition | | | |
| Student Book | 978-0-00-812097-9 | £23.99 | |
| Teacher Guide | 978-0-00-812098-6 | £100.00 | |

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Letts GCSE Revision Success: GCSE Computer Science





This unique and innovative revision guide supports all learning styles so that every student can achieve the best results.







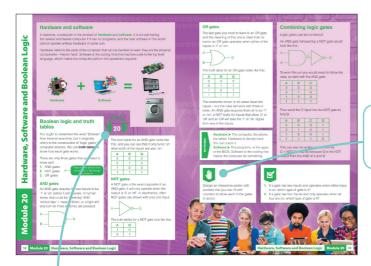
- Topics are organised into 30-minute revision modules to aid planning
- Engaging magazine-style layout and diagrams and charts communicate key concepts in a clear and effective way for visual learners
- Hands-on revision activities for every topic provide revision opportunities for kinaesthetic learners

- Free audio tracks talk auditory learners through all the key points
- Quick tests and exam-style practice questions for every topic help consolidate what they've learned









'Hands on' activities help students apply what they've learned

Free audio 'walk through' for every topic

(

Seminative Continues and according to the property of the pro

Diagrams and charts communicate key concepts in a clear and visual way

| TITLE | ISBN | School's Price | Pub Date |
|---|-------------------|----------------|-----------|
| Letts GCSE Revision Success: GCSE Computer Science | | | |
| GCSE Computer Science Revision Guide | 978-0-00-8162047 | £3.00 | June 2016 |
| GCSE Computer Science Exam Practice Workbook | 978-0-00-816205-4 | £3.00 | June 2016 |
| GCSE Computer Science Complete Revision and Practice | 978-0-00-816206-1 | £5.50 | June 2016 |

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GCSE Essentials ICT

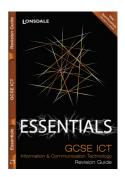


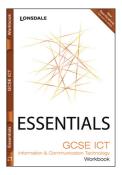
- Student-friendly Revision Guide concisely covers all the course content and essential skills required for the new ICT GCSE course
- Uncluttered approach, with short sentences, focused paragraphs and bullet points help make the content accessible for students of all abilities
- Contents pages provide a revision checklist for students to tick off as they progress
- Relevant diagrams and illustrations clarify key points and aid visual learning

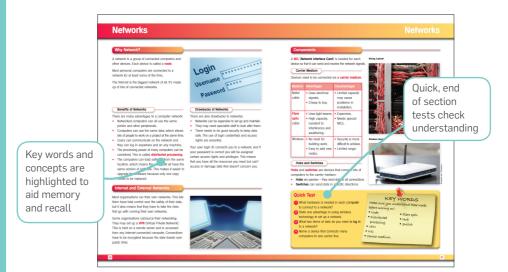
Practice makes perfect!

- Quick tests throughout the book and practice questions at the end of each section reinforce understanding
- Accompanying Workbook matches the Revision Guide page for page, including further practice questions and answers

| TITLE | ISBN | Schools' Price | RRP |
|--------------------|-------------------|----------------|-------|
| Revision Guide | 978-1-84-419292-2 | £2.50 | £4.99 |
| Workbook & Answers | 978-1-84-419293-9 | £2.50 | £4.99 |













Think Inside the Sketchbook

Authors: Gillian Robinson, Alison Mountain and **David Hulston**

- Provides an exciting insight into how sketchbooks can be used by teachers and students to make significant changes in attitudes to learning
- The authors clearly highlight ways in which sketchbooks can be used as a playground for imagination and trialling ideas, as well as encouraging exploration and creative thinking

| TITLE | ISBN | Price |
|-----------------------------|-------------------|--------|
| Think Inside the Sketchbook | 978-0-00-743479-4 | £25.00 |



Collins GCSE Design & Realisation

 Cover GCSE Design and Technology with ease with this title for students of Resistant Materials, Systems and Control Technology and Electronic Products

| TITLE | ISBN | Price |
|--|-------------------|--------|
| Collins GCSE D&T – Design and Realisation | 978-0-00-322035-3 | £25.99 |
| | 370 0 00-322033-3 | LZUIU |

Collins Design &

Technology -**Foundation Course**

 Teach the essential skills and knowledge for Design & Technology with this clear, full-colour textbook, providing a simple and accessible introductions for students

| TITLE | ISBN | Price |
|-------------------------------|-------------------|--------|
| Collins D&T Foundation Course | 978-0-00-327352-6 | £19.50 |

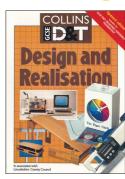




















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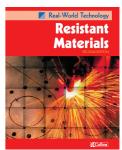


Real-World Technology - Resistant Materials

 Teach the knowledge, skills and processes involving resistant materials and their application in the lives of designers and manufacturers, with an effective combination of workshop and classroom activity

| TITLE | ISBN | Price |
|-------------------------|-------------------|--------|
| Real-World Technology – | | |
| Resistant Materials | 978-0-00-711532-7 | £25.00 |





Technical Drawing GCE and CSE

 Enable students to learn quickly with this flexible, visual-approach based resource

| TITLE | ISBN | Price |
|-------------------------------|-------------------|--------|
| Technical Drawing GCE and CSE | 978-0-00-322298-2 | £23.75 |











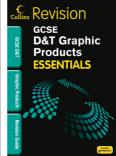
GCSE Essentials **Design & Technology**



Schools' price, just £2.50



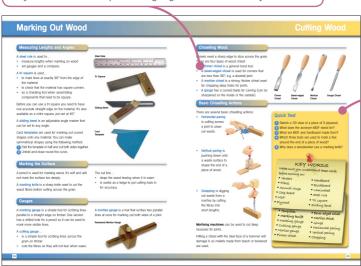






- Student-friendly Revision Guides concisely cover all the course content and essential skills required for GCSE Food Technology, Textiles Technology, Resistant Materials, Electronic Products, Graphic Products and Product Design
- Uncluttered approach, with short sentences, focused paragraphs and bullet points help make the content accessible for students of all abilities
- Key words and concepts are highlighted to aid memory and recall
- Relevant diagrams and illustrations clarify key points and aid visual learning

Key words and concepts are highlighted to aid memory and recall



Ouick, end of section tests check understanding

Sample pages from GCSE Essentials Resistant Materials Revision Guide

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