

Pixl Mock Paper Maths Mark Scheme 2

Aligned with *Managing Successful Projects* 6th edition this essential revision guide supports candidates taking PRINCE2 Foundation or Practitioner, giving expert advice and guidance on how to approach the examination

UK schools pay just 50% of the RRP! Discount automatically applied when ordering on your school account. Straightforward, visual, accessible: Oxford Revise AQA GCSE Maths offers no-fuss Revision Guides and Workbooks. Every topic is covered on a single page, providing a simple pick-up-and-go solution. Perfect for GCSE Maths students everywhere.

FOR THE HARRISONS' CHILDREN'S BOOK PRIZE 2019 LONGLISTED FOR THE BLUE PETER BOOK AWARDS 2019 'Irresistible ... a modern classic' GUARDIAN 'A warm-hearted debut ... lovely, expressive, characterful' SUNDAY TIMES When Tomas discovers a strange old tree at the bottom of his grandad's garden, he doesn't think much of it. But he takes the funny fruit from the tree back into the house – and gets the shock and delight of his life when a tiny dragon hatches! The tree is a dragonfruit tree, and Tomas has got his very own dragon, Flicker. ... Tomas soon finds out that life with Flicker is great fun, but also very ... unpredictable. Yes, dragons are wonderful, but they also set fire to your toothbrush and leave your pants hanging from the TV aerial. Tomas has to learn how to look after Flicker – and quickly. And then something extraordinary happens – more dragonfruits appear on the tree. Tomas is officially growing dragons ... The first book in a sparky and utterly enchanting new series.

Rising Stars Spelling provides a flexible programme to teach spelling across Years 1-6. Each year group is teeming with fun investigative activities, starter challenges and hands-on resources to use in the classroom. The Year 2 Teacher's Guide includes: – Teacher guidance for each spelling focus – Subject knowledge summaries – Starter challenges to kick-off or consolidate learning – Step-by-step activity ideas – Access to the Year 2 online resource bank

The Future of Assessment for Learning

Edexcel Linear

Essential Tools for Polished & Persuasive Documents

Evolution and Disease

The Mark of the Dragonfly

KS3 Maths Complete Study & Practice (with online edition)

Rewritten and redesigned in full-colour, A4 format, this new York Notes for GCSE edition of *An Inspector Calls* will help your students achieve the best possible grade. Written by GCSE examiners to give all students an expert understanding of the text and the exam, it includes: * *An invaluable exam skills section with essay plans, sample answers and expert guidance on understanding the question so students will know exactly what they need to do to succeed.* **A wealth of useful content including key quotes, checklists, study tips and short activities that will help students revise efficiently and remember everything they need to write the best answers.* **The widest coverage with in-depth analysis of character, themes, language, context and style, all helping students to succeed in the exam by demonstrating how well they understand the text.*

The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.

X Marks the Spot is written from the point of view of the users of mathematics. Since the beginning, mathematical concepts and techniques (such as arithmetic and geometry) were created as tools with a particular purpose like counting sheep and measuring land areas. Understanding those purposes leads to a greater understanding of why mathematics developed as it did. Later mathematical concepts came from a process of abstracting and generalizing earlier mathematics. This process of abstraction is very powerful, but often comes at the price of intuition and understanding. This book strives to give a guided tour of the development of various branches of mathematics (and what they're used for) that will give the reader this intuitive understanding. Features Treats mathematical techniques as tools, and areas of mathematics as the result of abstracting and generalizing earlier mathematical tools

Written in a relaxed conversational and occasionally humorous style making it easy to follow even when discussing esoterica. Unravels how mathematicians think, demystifying math and connecting it to the ways non-mathematicians think and connecting math to people's lives Discusses how math education can be improved in order to prevent future generations from being turned off by math.

Practice, Reasoning and Problem-Solving Book Higher

Hours of Brain-Challenging Fun!

Making Good Progress?

Typography for Lawyers

Revision Guide

"This dictionary is intended for the use of foreign readers and thus pays special attention to the translation of the Chinese terms or the use of their English equivalents. Over 4,500 Chinese words and 70,000 entries of terms have been included, among them more than 20,000 are new entries. They are words and terms that appear since the 1990s and have a wide coverage." –BOOK JACKET.

Technology is at the heart of learning for all of us and every teacher needs to be using social media, mobile technologies and transformational digital learning opportunities as an integral part of their range of strategies for helping students make the maximum progress. In this book in the 'Perfect' series, Mark Anderson, the ICT Evangelist, takes the technology-related elements of all the recent subject reports from Ofsted and using them offers clear and practical strategies that are proven to be successful in classrooms and offers up ideas for how they can be turned into a daily reality for all teachers.

Exam Board: AQA, Edexcel, OCR, WJEC, Eduqas Level & Subject: Key Stage 3 English, GCSE English Language, GCSE English Literature First teaching: September 2015 First exams: June 2017 Take your students' writing into the highest mark bands with this practical teacher pack. The Crafting Brilliant Sentences teacher pack provides a systematic approach to teaching sentence grammar to help students craft successful narrative, descriptive, discursive and analytical writing for GCSE. 60 ready-made lessons will build your department's confidence in teaching grammar to improve accuracy and boost results. Each chapter focuses first on understanding an element of the sentence and then on using it in different ways to craft effective narrative, descriptive, discursive or analytical writing. * Provides a consistent approach for your department, working through each aspect of the sentence and enabling you to target areas of weakness. * Gives you everything you need to teach from detailed lesson plans, including answers, to PowerPoints and worksheets. * Supports progress: further intervention activities for each lesson will help students to embed their learning, while a progress-tracking spreadsheet allows you to identify where more support is needed. * Adapt the resources to your needs: the flexible format means lessons can be taught as a full grammar and writing programme, or dipped into to fit your own schemes of work. * Expert support from Lindsay Skinner, Director of Education for the Bridgewater College Trust and a PIXL Associate.

Based on principles of cognitive science, this three-step approach to effective revision combines knowledge, retrieval and interleaving, and extensive exam-style practice to help students master knowledge and skills for GCSE success. UK schools save 50% off the RRP! Discount will be automatically applied when you order on your school account.

Passing Your PRINCE2 Examinations

Edexcel GCSE Further Pure Mathematics

AQA GCSE Food Preparation and Nutrition

Programming Computer Vision with Python

The Boy Who Grew Dragons (The Boy Who Grew Dragons 1)

In 2011, I began creating online tutorial videos on Youtube, with a vision to share my GCSE expertise in English language and literature. As I write, these videos have been viewed over 10 million times across 214 different nations. My GCSE English Youtube channel has over 60,000 subscribers. To accompany these videos, I have published over 20 revision guide eBooks-one of which you are currently looking at! My guide to the previous GCSEs in English language and literature sat at the top of the Amazon bestseller's list for over 45 weeks and achieved huge acclaim; this book aims to build on those strengths. In this eBook, you'll receive detailed guidance on every question in the AQA GCSE English Language exams. Please note that this eBook is not endorsed by or affiliated to any exam boards; I am simply an experienced teacher using my expertise to help students. However, if you read some of the 100+ reviews for this guide, you will see that it has already helped students, teachers and parents across the UK. As an extra bonus, this eBook contains links to five special video tutorials which are only available to those who purchase this guide. These links appear later in the text. I hope you enjoy the eBook. You should also purchase the accompanying eBook which covers the English Literature exams.

Our Practice, Problem Solving and Reasoning Books provide students with questions relating to every exercise in the main lessons of the Student Book to give twice the practice.

*Familiarise children with KS2 SATs using up-to-date and realistic papers in the style of the actual test. Includes two full sets of papers. Up-to-date and realistic KS2 SATs practice test papers prepare children for the KS2 tests. * Two complete sets of papers * Familiarise children with the test format * Up-to-date for the 2018 tests * Can be used alongside Collins KS2 SATs Revision and Practice*

New KS3 Maths Perfect ICT Every Lesson Crown House Publishing

Oxford Revise: AQA GCSE Physics Revision and Exam Practice

Excel 2013: The Missing Manual

Mr Bruff's Guide to GCSE English Language

Rising Stars Spelling Year 2

Edexcel GCSE (9-1) Mathematics

College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. The text and images in this textbook are grayscale.

Level: KS2 Subject: Maths Suitable for 2020 SATs Boost children's test-taking confidence by using the realistic SATs-style questions included in this Key Stage 2 Maths SATs Question Book by Collins. Specifically designed to get children ready for the Maths Reasoning SAT (Papers 2 and 3), this book covers all the content and skills that children will be tested on. Regular progress tests are included throughout to check understanding every step of the way. Answers and marking schemes are also provided to ensure children are prepared for success ahead of their SATs. For extra SATs practice, try our KS2 Arithmetic SATs Question Book (9780008201623).

A student-friendly and engaging resource for the 2016 Edexcel GCSE Geography B specification, this brand new course is written to match the demands of the specification. As well as providing thorough and rigorous coverage of the spec, this book is designed to engage students in their learning and to motivate them to progress.

The brain is a wonderful thing to tease. Two hundred grid-based logic puzzles from Puzzle Baron, the mega-popular online puzzle site! For each puzzle, readers are given a background story and a list of clues and then left with only pure logic to arrive at the correct answer. Unlike other logic puzzle books, every puzzle includes statistics-such as the average completion time, the record completion time, and the percentage of people to complete the puzzle-to bring out the competitor in each puzzler and better inform them on how easy or difficult each puzzle is. ?Features 200 grid-based logic puzzles ?Includes puzzle statistics for added excitement ?Ideal for kids and adults

An Inspector Calls

KS3 Maths

A Biography of the Pixel

Albion's Dream

Providing complete coverage of the 2009 Edexcel GCSE maths specification, this engaging work makes the information accessible for every student. It contains exam practice throughout, with revision questions and practice exam questions.

Exam Board: WJEC Level: GCSE Subject: Science First Teaching: September 2016 First Exam: Summer 2018 Target success in Science with this proven formula for effective, structured revision; key content coverage is combined with exam-style tasks and practical tips to create a revision guide that students can rely on to review, strengthen and test their knowledge. With My Revision Notes, every student can: - Plan and manage a successful revision programme using the topic-by-topic planner - Consolidate subject knowledge by working through clear and focused content coverage - Test understanding and identify areas for improvement with regular 'Now Test Yourself' tasks and answers - Improve exam technique through practice questions, expert tips and examples of typical mistakes to avoid - Get exam ready with extra quick quizzes and answers to the practice questions available online Please note that some of the quizzes from the WJEC GCSE My Revision Notes series are also used in the WJEC GCSE Teaching and Learning resources.

Please note this title is suitable for any student studying: Exam Board: AQA Level: GCSE Subject: Mathematics First teaching: September 2015 First exams: June 2017 AQA GCSE Maths, Foundation Student Book has been approved by AQA and specially written by a team of maths experts for the Foundation tier of AQA's 2015 GCSE specification. Designed to fully support the new style of assessment, the book adopts a clear style to focus on delivering exam success via the careful development of fluency and problem solving practice. Powered by MyMaths the book links directly to the ever popular web site offering students a further source of appropriate support.

Making Good Progress? is a research-informed examination of formative assessment practices that analyses the impact Assessment for Learning has had in our classrooms. *Making Good Progress?* outlines practical recommendations and support that Primary and Secondary teachers can follow in order to achieve the most effective classroom-based approach to ongoing assessment. Written by Daisy Christodoulou, Head of Assessment at Ark Academy, *Making Good Progress?* offers clear, up-to-date advice to help develop and extend best practice for any teacher assessing pupils in the wake of life beyond levels.

Reading, Grammar, Punctuation and Spelling

The Accidental Prime Minister

Reasoning, Age 10-11

Mathematics of Data/Image Coding, Compression, and Encryption

New KS3 Maths

The pixel as the organizing principle of all pictures, from cave paintings to Toy Story. The Great Digital Convergence of all media types into one universal digital medium occurred, with little fanfare, at the recent turn of the millennium. The bit became the universal medium, and the pixel—a particular packaging of bits—conquered the world. Henceforward, nearly every picture in the world would be composed of pixels—cell phone pictures, app interfaces, Mars Rover transmissions, book illustrations, videogames. In *A Biography of the Pixel*, Pixar cofounder Alvy Ray Smith argues that the pixel is the organizing principle of most modern media, and he presents a few simple but profound ideas that unify the dazzling varieties of digital image making. Smith's story of the pixel's development begins with Fourier waves, proceeds through Turing machines, and ends with the first digital movies from Pixar, DreamWorks, and Blue Sky. Today, almost all the pictures we encounter are digital—mediated by the pixel and irretrievably separated from their media; museums and kindergartens are two of the last outposts of the analog. Smith explains, engagingly and accessibly, how pictures composed of invisible stuff become visible—that is, how digital pixels convert to analog display elements. Taking the special case of digital movies to represent all of Digital Light (his term for pictures constructed of pixels), and drawing on his decades of work in the field, Smith approaches his subject from multiple angles—art, technology, entertainment, business, and history. *A Biography of the Pixel* is essential reading for anyone who has watched a video on a cell phone, played a videogame, or seen a movie.

Exam Board: AQA Level: GCSE Subject: Biology First Teaching: September 2016 First Exam: June 2018 AQA approved. Develop your students' scientific thinking and practical skills within a more rigorous curriculum; differentiated practice questions, progress tracking, mathematical support and assessment preparation will consolidate understanding and develop key skills to ensure progression. - Builds scientific thinking, analysis and evaluation skills with dedicated Working Scientifically tasks and support for the 8 required practicals, along with extra activities for broader learning - Supports students of all abilities with plenty of scaffolded and differentiated Test Yourself Questions, Show You Can challenges, Chapter review Questions and synoptic practice Questions - Supports Foundation and Higher tier students, with Higher tier-only content clearly marked - Builds Literacy skills for the new specification with key words highlighted and practice extended answer writing and spelling/vocabulary tests FREE GCSE SCIENCE TEACHER GUIDES These will be provided for free via our website. To request your free copies please email science@hodder.co.uk

When Ellen finished the Vendee Globe, yachting's toughest race aged just 24 the nation took her to it's heart. The depth of the affection for Ellen is extraordinary - she makes people feel like they can do anything! This is her story, written in true Ellen style, in her own words, without the help of a ghost writer. Passionate, dramatic and and deeply affecting, her story will move and inspire all who read it.

For fans of Frozen, The City of Ember, and The School of Good and Evil, the New York Times bestseller *The Mark of the Dragonfly* is a fast-paced adventure story about a mysterious girl and a fearless boy, set in a magical world that is both exciting and dangerous. Piper has never seen the Mark of the Dragonfly until she finds the girl amid the wreckage of a caravan in the Meteor Fields. The girl doesn't remember a thing about her life, but the intricate tattoo on her arm is proof that she's from the Dragonfly Territories and that she's protected by the king. Which means a reward for Piper if she can get the girl home. The one sure way to the Territories is the 401, a great old beauty of a train. But a ticket costs more coin than Piper could make in a year. And stowing away is a difficult prospect—everyone knows that getting past the peculiar green-eyed boy who stands guard is nearly impossible. Life for Piper just turned dangerous. A little bit magical. And very exciting. If she can manage to survive the journey, *Praise for The Mark of the Dragonfly*: "This magnetic middle-grade debut...[is] a page-turner that defies easy categorization and ought to have broad appeal."—Publishers Weekly, Starred "Heart, brains, and courage find a home in a steamunk fantasy worthy of a nod from Baum."—Kirkus Reviews, Starred "A fantastic and original tale of adventure and magic...Piper is a heroine to fall in love with: smart, brave, kind, and mechanically inclined to boot."—School Library Journal, Starred "A complex and impeccably developed plot—there is plenty to recommend in this novel."—The Bulletin "Appealing characters and lots of action make it a good choice for young adventure readers."—Booklist

The Lost Inheritance of Mathematics

Complete Revision and Practice

Taking on the World

College Algebra

Interpretable Machine Learning

If you want a basic understanding of computer vision 's underlying theory and algorithms, this hands-on introduction is the ideal place to start. You ' ll learn techniques for object recognition, 3D reconstruction, stereo imaging, augmented reality, and other computer vision applications as you follow clear examples written in Python. Programming Computer Vision with Python explains computer vision in broad terms that won ' t bog you down in theory. You get complete code samples with explanations on how to reproduce and build upon each example, along with exercises to help you apply what you ' ve learned. This book is ideal for students, researchers, and enthusiasts with basic programming and standard mathematical skills. Learn techniques used in robot navigation, medical image analysis, and other computer vision applications Work with image mappings and transforms, such as texture warping and panorama creation Compute 3D reconstructions from several images of the same scene Organize images based on similarity or content, using clustering methods Build efficient image retrieval techniques to search for images based on visual content Use algorithms to classify image content and recognize objects Access the popular OpenCV library through a Python interface

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—!Python, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you ' ll learn how to use: !Python and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

When Joe tells a local news reporter exactly what he would do if he were leader of the country, the video goes viral and Joe's speech becomes famous all over the world! Before long, people are calling for the current leader to resign and give someone else a go... and that's how an ordinary boy like Joe ended up with the most extraordinary job. Now the fun can really start... Hats for cats! Pet pigs for all! Banana shaped buses! Swimming pools on trains! A hilarious story of one boy's meteoric rise to power!

Crafting Brilliant Sentences

Perfect ICT Every Lesson

Dora the Storer

AQA GCSE Maths: Foundation

X Marks the Spot