Blank Tally And Bar Graph Template

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Great Graphing Martin Lee 1995 Covers tallies, tables, bar graphs, pictographs, and coordinate grids, and suggests graphing activities

The Organized Teacher's Guide to Substitute Teaching Steve Springer 2012-08-21 Provides information about what is typically studied by each grade, hundreds of ideas for activities, assignments, and projects for each grade level, and advice for how to keep control of oneself and classroom.

Using Technology with Classroom Instruction that Works Howard Pitler 2012 Technology is ubiquitous, and its potential to transform learning is immense. The first edition of Using Technology with Classroom Instruction That Works answered some vital questions about 21st century teaching and learning: What are the best ways to incorporate technology into the curriculum? What kinds of technology will best support particular learning tasks and objectives? How does a teacher ensure that technology use will enhance instruction rather than distract from it? This revised and updated second edition of that best-selling book provides fresh answers to these critical questions, taking into account the enormous technological advances that have occurred since the first edition was published, including the proliferation of social networks, mobile devices, and web-based multimedia tools. It also builds on the up-to-date research and instructional planning framework featured in the new edition of Classroom Instruction That Works, outlining the most appropriate technology applications and resources for all nine categories of effective instructional strategies: * Setting objectives and providing feedback * Reinforcing effort and providing recognition * Cooperative learning * Cues, questions, and advance organizers * Nonlinguistic representations * Summarizing and note taking * Assigning homework and providing practice * Identifying similarities and differences * Generating and testing hypotheses Each strategy-focused chapter features examples--across grade levels and subject areas, and drawn from real-life lesson plans and projects--of teachers integrating relevant technology in the classroom in ways that are engaging and inspiring to students. The authors also recommend dozens of word processing applications, spreadsheet generators, educational games, data collection tools, and online resources that can help make lessons more fun, more challenging, and--most of all--more effective.

Raider's Peril Twinkl Originals 2021-03-31 Katka's heart pumped against her ribs… battles like this were what Raider's Peril was all about. Eleven-year-old Katka feels most at home when she is not being Katka. By day, she attends school like the rest of her friends, but by night, Catanna Brittlestar adventures around the White Desert in search of prestige and precious gems, with her loyal guild in tow. Then, the lines between her two worlds begin to blur – Katka thought Raider's Peril was just a game, but some players are raiding for real... Download the full eBook and explore supporting teaching materials at www.twinkl.com/originals Join Twinkl Book Club to receive printed story books every half-term at

www.twinkl.co.uk/book-club (UK only).

Graphic Organizer Continental Press Staff 1994-01-01

I was So Mad Mercer Mayer 2000-11 A child tries a variety of ways to dissolve anger.

R for Data Science Hadley Wickham 2016-12-12 Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You'll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results

Practical Statistics for Data Scientists Peter Bruce 2017-05-10 Statistical methods are a key part of of data science, yet very few data scientists have any formal statistics training. Courses and books on basic statistics rarely cover the topic from a data science perspective. This practical guide explains how to apply various statistical methods to data science, tells you how to avoid their misuse, and gives you advice on what's important and what's not. Many data science resources incorporate statistical methods but lack a deeper statistical perspective. If you're familiar with the R programming language, and have some exposure to statistics, this quick reference bridges the gap in an accessible, readable format. With this book, you'll learn: Why exploratory data analysis is a key preliminary step in data science How random sampling can reduce bias and yield a higher quality dataset, even with big data How the principles of experimental design yield definitive answers to questions How to use regression to estimate outcomes and detect anomalies Key classification techniques for predicting which categories a record belongs to Statistical machine learning methods that "learn" from data Unsupervised learning methods for extracting meaning from unlabeled data

Text Mining with R Julia Silge 2017-06-12 Much of the data available today is unstructured and text-heavy, making it challenging for analysts to apply their usual data wrangling and visualization tools. With this practical book, you'll explore text-mining techniques with tidytext, a package that authors Julia Silge and David Robinson developed using the tidy principles behind R packages like ggraph and dplyr. You'll learn how tidytext and other tidy tools in R can make text analysis easier and more effective. The authors demonstrate how treating text as data frames enables you to manipulate, summarize, and visualize characteristics of text. You'll also learn how to integrate natural language processing (NLP) into effective workflows. Practical code examples and data explorations will help you generate real insights from literature, news, and social media. Learn how to apply the tidy text format to NLP Use sentiment analysis to mine the emotional content of text Identify a document's most important terms with frequency measurements Explore relationships and connections between words with the ggraph and widyr packages Convert back and forth between R's tidy and non-tidy text formats Use topic modeling to classify document collections into natural groups Examine case studies that compare Twitter archives, dig into NASA metadata, and analyze thousands of Usenet messages

Encyclopedia of Survey Research Methods Paul J. Lavrakas 2008-09-12 In conjunction with top survey researchers around the world and with Nielsen Media Research serving as the corporate sponsor, the Encyclopedia of Survey Research Methods presents state-of-the-art information and methodological examples from the field of survey research. Although there are other "how-to" guides and references texts on survey research, none is as comprehensive as this Encyclopedia, and none presents the material in such a focused and approachable manner. With more than 600 entries, this resource uses a Total Survey Error perspective that considers all aspects of possible survey error from a cost-benefit standpoint.

Storytelling with Data Cole Nussbaumer Knaflic 2015-10-09 Don't simply show your data—tell a story with it! Storytelling with Data teaches you the fundamentals of data visualization and how to communicate effectively with data. You'll discover the power of storytelling and the way to make data a pivotal point in your story. The lessons in this illuminative text are grounded in theory, but made accessible through numerous real-world examples—ready for immediate application to your next graph or presentation. Storytelling is not an inherent skill, especially when it comes to data visualization, and the tools at our disposal don't make it any easier. This book demonstrates how to go beyond conventional tools to reach the root of your data, and how to use your data to create an engaging, informative, compelling story. Specifically, you'll learn how to: Understand the importance of context and audience Determine the appropriate type of graph for your situation Recognize and eliminate the clutter clouding your information Direct your audience's attention to the most important parts of your data Think like a designer and utilize concepts of design in data visualization Leverage the power of storytelling to help your message resonate with your audience Together, the lessons in this book will help you turn your data into high impact visual stories that stick with your audience. Rid your world of ineffective graphs, one exploding 3D pie chart at a time. There is a story in your data—Storytelling with Data will give you the skills and power to tell it!

Minitab Manual VUKOV 2002-02-20 Integrates the statistical computing package MINITAB(tm) into an Introductory Statistics course, using Statistics by McClave/Sincich, 9/e.

Multiplication Word Problems 2006

Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report Christine A. Franklin 2007 Statistics education as proposed in this framework can promote the must-have competencies for graduates to thrive in the modern world.

Tally O'Malley Stuart J. Murphy 2004-09-14 The O'Malleys are off to the beach! But it's a long, hot, boring drive. What can Eric, Bridget, and Nell do to keep busy? Play tally games, of course -- counting up all the gray cars or green T-shirts they see. Whoever has the most marks at the end wins the game. Eric wins the first game. Bridget wins the second. It seems like poor Nell will never win a game! But Nell has the luck of the Irish on her side, and a surprise in store for her big brother and sister.

Developing Assessments for the Next Generation Science Standards National Research Council 2014-05-29 Assessments, understood as tools for tracking what and how well students have learned, play a critical role in the classroom. Developing Assessments for the Next Generation Science Standards develops an approach to science assessment to meet the vision of science education for the future as it has been elaborated in A Framework for K-12 Science Education (Framework) and Next Generation Science Standards (NGSS). These documents are brand new and the changes they call for are barely under way, but the new assessments will be needed as soon as states and districts begin the process of

implementing the NGSS and changing their approach to science education. The new Framework and the NGSS are designed to guide educators in significantly altering the way K-12 science is taught. The Framework is aimed at making science education more closely resemble the way scientists actually work and think, and making instruction reflect research on learning that demonstrates the importance of building coherent understandings over time. It structures science education around three dimensions - the practices through which scientists and engineers do their work, the key crosscutting concepts that cut across disciplines, and the core ideas of the disciplines - and argues that they should be interwoven in every aspect of science education, building in sophistication as students progress through grades K-12. Developing Assessments for the Next Generation Science Standards recommends strategies for developing assessments that yield valid measures of student proficiency in science as described in the new Framework. This report reviews recent and current work in science assessment to determine which aspects of the Framework's vision can be assessed with available techniques and what additional research and development will be needed to support an assessment system that fully meets that vision. The report offers a systems approach to science assessment, in which a range of assessment strategies are designed to answer different kinds of questions with appropriate degrees of specificity and provide results that complement one another. Developing Assessments for the Next Generation Science Standards makes the case that a science assessment system that meets the Framework's vision should consist of assessments designed to support classroom instruction, assessments designed to monitor science learning on a broader scale, and indicators designed to track opportunity to learn. New standards for science education make clear that new modes of assessment designed to measure the integrated learning they promote are essential. The recommendations of this report will be key to making sure that the dramatic changes in curriculum and instruction signaled by Framework and the NGSS reduce inequities in science education and raise the level of science education for all students.

Little Kids First Big Book of Bugs Catherine D. Hughes 2014 A lavishly photographed, fact-filled introduction to a variety of jumping, crawling and creeping insects expands from backyard favorites, including ladybugs and fireflies, to more exotic species from the world's rain forests and deserts.

Introductory Statistics Barbara Illowsky 2017-12-19 Introductory Statistics is designed for the one-semester, introduction to statistics course and is geared toward students majoring in fields other than math or engineering. This text assumes students have been exposed to intermediate algebra, and it focuses on the applications of statistical knowledge rather than the theory behind it. The foundation of this textbook is Collaborative Statistics, by Barbara Illowsky and Susan Dean. Additional topics, examples, and ample opportunities for practice have been added to each chapter. The development choices for this textbook were made with the guidance of many faculty members who are deeply involved in teaching this course. These choices led to innovations in art, terminology, and practical applications, all with a goal of increasing relevance and accessibility for students. We strove to make the discipline meaningful, so that students can draw from it a working knowledge that will enrich their future studies and help them make sense of the world around them. Coverage and Scope Chapter 1 Sampling and Data Chapter 2 Descriptive Statistics Chapter 3 Probability Topics Chapter 4 Discrete Random Variables Chapter 5 Continuous Random Variables Chapter 6 The Normal Distribution Chapter 7 The Central Limit Theorem Chapter 8 Confidence Intervals Chapter 9 Hypothesis Testing with One Sample Chapter 10 Hypothesis Testing with Two Samples Chapter 11 The Chi-Square Distribution Chapter 12 Linear Regression and Correlation Chapter 13 F Distribution and One-Way ANOVA

Gingerbread Baby 1999 A young boy and his mother bake a gingerbread baby that escapes from their oven and leads a crowd on a chase similar to the one in the familiar tale about a not-so-clever gingerbread man.

Mathematica Cookbook Sal Mangano 2010-04-02 Mathematica Cookbook helps you master the application's core principles by walking you through real-world problems. Ideal for browsing, this book includes recipes for working with numerics, data structures, algebraic equations, calculus, and statistics. You'll also venture into exotic territory with recipes for data visualization using 2D and 3D graphic tools, image processing, and music. Although Mathematica 7 is a highly advanced computational platform, the recipes in this book make it accessible to everyone -- whether you're working on high school algebra, simple graphs, PhD-level computation, financial analysis, or advanced engineering models. Learn how to use Mathematica at a higher level with functional programming and pattern matching Delve into the rich library of functions for string and structured text manipulation Learn how to apply the tools to physics and engineering problems Draw on Mathematica's access to physics, chemistry, and biology data Get techniques for solving equations in computational finance Learn how to use Mathematica for sophisticated image processing Process music and audio as musical notes, analog waveforms, or digital sound samples

R in Action Robert I. Kabacoff 2015-05-20 Summary R in Action, Second Edition presents both the R language and the examples that make it so useful for business developers. Focusing on practical solutions, the book offers a crash course in statistics and covers elegant methods for dealing with messy and incomplete data that are difficult to analyze using traditional methods. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on time series analysis, cluster analysis, and classification methodologies, including decision trees, random forests, and support vector machines. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Business pros and researchers thrive on data, and R speaks the language of data analysis. R is a powerful programming language for statistical computing. Unlike general-purpose tools, R provides thousands of modules for solving just about any data-crunching or presentation challenge you're likely to face. R runs on all important platforms and is used by thousands of major corporations and institutions worldwide. About the Book R in Action, Second Edition teaches you how to use the R language by presenting examples relevant to scientific, technical, and business developers. Focusing on practical solutions, the book offers a crash course in statistics, including elegant methods for dealing with messy and incomplete data. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on forecasting, data mining, and dynamic report writing. What's Inside Complete R language tutorial Using R to manage, analyze, and visualize data Techniques for debugging programs and creating packages OOP in R Over 160 graphs About the Author Dr. Rob Kabacoff is a seasoned researcher and teacher who specializes in data analysis. He also maintains the popular Quick-R website at statmethods.net. Table of Contents PART 1 GETTING STARTED Introduction to R Creating a dataset Getting started with graphs Basic data management Advanced data management PART 2 BASIC METHODS Basic graphs Basic statistics PART 3 INTERMEDIATE METHODS Regression Analysis of variance Power analysis Intermediate graphs Resampling statistics and bootstrapping PART 4 ADVANCED METHODS Generalized linear models Principal components and factor analysis Time series Cluster analysis Classification Advanced methods for missing data PART 5 EXPANDING YOUR SKILLS Advanced graphics with ggplot2 Advanced programming Creating a package Creating dynamic reports Advanced graphics with the lattice package available online only from manning.com/kabacoff2

Elementary Statistics Mario F. Triola 1998-01-01

Gravel Roads Ken Skorseth 2000 The purpose of this manual is to provide clear and helpful information for maintaining gravel roads. Very little technical help is available to small agencies that are responsible

for managing these roads. Gravel road maintenance has traditionally been "more of an art than a science" and very few formal standards exist. This manual contains guidelines to help answer the questions that arise concerning gravel road maintenance such as: What is enough surface crown? What is too much? What causes corrugation? The information is as nontechnical as possible without sacrificing clear guidelines and instructions on how to do the job right.

Structural Analysis and Synthesis Stephen M. Rowland 2021-02-17 STRUCTURAL ANALYSIS & SYNTHESIS STRUCTURAL ANALYSIS & SYNTHESIS A LABORATORY COURSE IN STRUCTURAL GEOLOGY Structural Analysis and Synthesis is the best-selling laboratory manual of its kind. Specifically designed to support the laboratory work of undergraduates in structural geology courses, the book helps students analyze the various aspects of geological structures, and to combine their analyses into an overarching synthesis. This book is intended for use in the laboratory portion of a first course in structural geology. As is explicit in the book's title, it is concerned with both the analysis and synthesis of structural features. In this fourth edition, the has been broadened to include a range of new content and features, including: Video content that demonstrates how to perform some of the more challenging structural geology techniques An acknowledgment of the increasing importance of environmental applications of structural geology – vital to students who may go on to pursue careers in the environmental sphere An increased emphasis on quantitative techniques, complete with descriptions of computer program applications Contingent with this quantitative emphasis, the book also outlines the limitations of such techniques, helping students to appropriately apply the techniques and evaluate their trustworthiness Structural Analysis and Synthesis is a renowned and widely recognized aid to students in grasping and mastering the techniques required in structural geology, and will find a home wherever the principles and practices of structural geology are taught.

Beginning Graphing Ellie Weiler 2022-07-15 Grade Level: 1-3 CCSS Level: 2-3 The more than 30 hands-on activities found here introduce students to bar graphs, picture graphs, and line graphs. The exercises teach students to retrieve and communicate information in this useful new way. Students will also get practice with tallying and histograms. Fun is sure to be had by all as they learn to graph.

A History of Data Visualization and Graphic Communication Michael Friendly 2021-06-08 A comprehensive history of data visualization—its origins, rise, and effects on the ways we think about and solve problems. With complex information everywhere, graphics have become indispensable to our daily lives. Navigation apps show real-time, interactive traffic data. A color-coded map of exit polls details election balloting down to the county level. Charts communicate stock market trends, government spending, and the dangers of epidemics. A History of Data Visualization and Graphic Communication tells the story of how graphics left the exclusive confines of scientific research and became ubiquitous. As data visualization spread, it changed the way we think. Michael Friendly and Howard Wainer take us back to the beginnings of graphic communication in the mid-seventeenth century, when the Dutch cartographer Michael Florent van Langren created the first chart of statistical data, which showed estimates of the distance from Rome to Toledo. By 1786 William Playfair had invented the line graph and bar chart to explain trade imports and exports. In the nineteenth century, the "golden age" of data display, graphics found new uses in tracking disease outbreaks and understanding social issues. Friendly and Wainer make the case that the explosion in graphical communication both reinforced and was advanced by a cognitive revolution: visual thinking. Across disciplines, people realized that information could be conveyed more effectively by visual displays than by words or tables of numbers. Through stories and illustrations, A History of Data Visualization and Graphic Communication details the 400-year evolution of an intellectual framework that has become essential to both science and society at large.

If the World Were a Village David J. Smith 2020-03-03 This bestseller is newly revised with updated statistics, new activities and completely new material on food security, energy and health. By shrinking the planet down to a village of just 100 people, children will discover how to grow up global and establish their own place in the world village.

Fixing Access Annoyances Phil Mitchell 2006-02-21 Provides a collection of tips on fixing annoyances found in Microsoft Access, covering such topics as performance, security, database design, queries, forms, page layout, macros, and expressions.

IWork: The Missing Manual Jessica Thornsby 2014-03-18 Apple's iWork is more versatile than ever now that there are versions for Mac, iOS, and even iCloud. The only thing iWork doesn't include is its own how-to guide. That's where this friendly, jargon-free Missing Manual comes in. With complete instructions and helpful examples, you'll quickly learn how to create stunning documents, slideshows, and spreadsheets with iWork's Pages, Keynote, and Numbers. The important stuff you need to know: Create elegant files in minutes. Save tons of time by using iWork's collection of prebuilt templates and themes. Craft a variety of documents. Use Pages to design attractive newsletters, catalogs, brochures, flyers, and posters. Build eye-popping presentations. Turn Keynote's themes and easy-to-use cinematic effects into beautiful custom slideshows. Organize and clearly convey information. Jazz up your Numbers spreadsheets with charts, images, and videos. Always have your work on hand. Store your files in iCloud and have them sync automatically to your Mac and iOS devices. Work anywhere, any time. Use the web-based iWork for iCloud to create projects on any computer—even a PC. Versions covered: This edition covers Pages for Mac 5.1, Keynote for Mac 6.1, Numbers for Mac 3.1, version 2.1 of each iOS app, and iWork for iCloud.

The Organized Teacher's Guide to Substitute Teaching, Grades K-8, Second Edition Steve Springer 2019-06-22 Navigate any classroom situation with confidence! As a substitute teacher, you have the powers of a superhero. Who else could teach sixth grade math one day and then transform into a sub for the kindergarten gym instructor the next? What other educator bravely goes into work not knowing what subject or grade he or she will teach that day and still manages a smile? But even superheroes need a little help—that is where this book comes in. The Organized Teacher's Guide to Substitute Teaching is the only guide that gives you the tips and strategies to not only survive a day of strangers but actually create an impact in the classroom. Appropriate for grades kindergarten through eighth, this bible for substitute teachers will get you through the entire school day, even if the regular teacher did not leave lesson plans! Among hundreds of valuable ideas, The Organized Teacher's Guide to Substitute Teaching offers: A guide to making your own Substitute Teacher Tool Kit, filled with items you will need throughout your day In-depth information about each grade level so you know what to expect, no matter what class you're assigned Core curriculum activities, writing assignments, and projects specifically targeted to each grade level Sponge activities, games, and fillers designed to help you fill the time until class transitions or before the end of the Advice on how to keep calm and in control even if students try to test your limits Accessible interactive online content with ready-to-print templates and worksheets

Mathematics for Schools Harold Fletcher 1970

Statistics Using Technology, Second Edition Kathryn Kozak

Caps for Sale Esphyr Slobodkina 2011-03-22 Caps for Sale is a timeless classic beloved by millions...one of the most popular picture books ever published! This picture book is an excellent choice to share at home or in the classroom, as children love chanting along with the naughty monkeys. Children will

delight in following the peddler's efforts to outwit the monkeys and will ask to read it again and again. Caps for Sale is an excellent easy-to-read book that includes repetition, patterns, and colors, perfect for early readers. This tale of a peddler and a band of mischievous monkeys is filled with warmth, humor, and simplicity and also teaches children about problem and resolution. This classic picture book will be appreciated as a birthday, baby shower, or graduation gift! It never fails to get preschoolers chanting along and giggling.

First Grade Math with Confidence Instructor Guide (Math with Confidence) Kate Snow 2021-06-01 Easy-to-use, comprehensive coverage of all essential first grade math topics. This scripted, open-and-go program from math educator Kate Snow will give you the tools you need to teach math with confidence—even if you've never taught math before. Short, engaging, and hands-on lessons will help your child develop a strong understanding of math, step by step. Counting, comparing, and writing numbers to 100 Addition and subtraction facts to 20 Addition and subtraction word problems Beginning place-value and mental math Shapes, money, time, and measurement

Lesson Plan Book Teacher Created Resources, Inc 2006-02-02

Math in Society David Lippman 2012-09-07 Math in Society is a survey of contemporary mathematical topics, appropriate for a college-level topics course for liberal arts major, or as a general quantitative reasoning course.This book is an open textbook; it can be read free online at http://www.opentextbookstore.com/mathinsociety/. Editable versions of the chapters are available as well.

Balancing Act Ellen Stoll Walsh 2015-02-10 Two mice have fun playing on a teeter-totter, but as more and larger friends join them, it becomes increasingly difficult to stay balanced.

Statistics and Probability for Engineering Applications William DeCoursey 2003-05-14 Statistics and Probability for Engineering Applications provides a complete discussion of all the major topics typically covered in a college engineering statistics course. This textbook minimizes the derivations and mathematical theory, focusing instead on the information and techniques most needed and used in engineering applications. It is filled with practical techniques directly applicable on the job. Written by an experienced industry engineer and statistics professor, this book makes learning statistical methods easier for today's student. This book can be read sequentially like a normal textbook, but it is designed to be used as a handbook, pointing the reader to the topics and sections pertinent to a particular type of statistical problem. Each new concept is clearly and briefly described, whenever possible by relating it to previous topics. Then the student is given carefully chosen examples to deepen understanding of the basic ideas and how they are applied in engineering. The examples and case studies are taken from real-world engineering problems and use real data. A number of practice problems are provided for each section, with answers in the back for selected problems. This book will appeal to engineers in the entire engineering spectrum (electronics/electrical, mechanical, chemical, and civil engineering); engineering students and students taking computer science/computer engineering graduate courses; scientists needing to use applied statistical methods; and engineering technicians and technologists. * Filled with practical techniques directly applicable on the job * Contains hundreds of solved problems and case studies, using real data sets * Avoids unnecessary theory

Charts, Tables and Graphs Michael Priestley 2005 Each page includes an attention-grabbing graph, chart, or table with questions to help kids read and interpret the data. Includes bar and line graphs, circle graphs, schedules, pictographs, and lots more. A perfect way to build on kids' interests and prepare them

for standardized tests.

Uglies Scott Westerfeld 2010-03-04 The first book in Scott Westerfeld's international bestselling series, Uglies! Tally lives in a world where your sixteenth birthday brings aesthetic perfection: an operation which erases all your flaws, transforming you from an 'Ugly' into a 'Pretty'. She is on the eve of this important event, and cannot wait for her life to change. As well as guaranteeing supermodel looks, life as a Pretty seems to revolve around having a good time. But then she meets Shay, who is also fifteen - but with a very different outlook on life. Shay isn't sure she wants to be Pretty and plans to escape to a community in the forest - the Rusty Ruins - where Uglies go to escape ' turning'. Tally won't be persuaded to join her, as this would involve sacrificing everything she's ever wanted for a lot of uncertainty. When she is taken in for questioning on her birthday, however, Tally gets sent to the Ruins anyway - against her will. The authorities offer Tally the worst choice she could ever imagine: find her friend Shay and turn her in, or never turn Pretty at all. What she discovers in the Ruins reveals that there is nothing 'pretty' about the transformations... And the choice Tally makes will change her world forever. 'Fast paced, exciting and thought-provoking.' The Bookseller's Choice 'Superb sci-fi.' Amanda Craig, The Times Supplement 'Westerfeld introduces thought-provoking issues' Publishers Weekly 'The longing for fairy-tale beauty has never looked so sinister' Amanda Craig, The Times 'With a beginning and ending that pack hefty punches, this introduction to a dystopic future promises an exciting series.' Kirkus *starred review* 'Naughty children, from Max in Maurice Sendak's Where the Wild Things Are, to Tally in Scott Westerfeld's Uglies trilogy, have the imagination and energy to go beyond convention.' The Times 'This exciting story makes you realise how important it is not to judge people by appearances.' Newcastle Upon Tyne Journal 'This book is a real thrill-ride and the world utterly convincing.' Trashionista.com 'Fun, and the many by-the-skin-of-your-teeth escapes and hoverboard chases, plus the non-stop action plotting were enough to catch my attention and have me eagerly wanting more.' The Book Smugglers Also by Scott Westerfeld: Pretties Specials Extras Afterworlds