3d Max Project Guide

Matt Chandler,Emalee Beddoes,Pawel Podwojewski,Jahirul Amin,Fernando Herrera

3d Max Project Guide:

   3ds Max Projects Matt Chandler,Emalee Beddoes,Pawel Podwojewski,Jahirul Amin,Fernando Herrera,2014 Offers information and instruction on using Autodesk s 3ds Max software including advice on modeling texturing rigging animating and lighting   Autodesk 3ds Max 2020: A Detailed Guide to Modeling, Texturing, Lighting, and Rendering Pradeep Mamgain,2020-07-30 The Autodesk 3ds Max 2020 A Detailed Guide to Modeling Texturing Lighting and Rendering book is perfect for both beginners and intermediate users of 3ds Max and for those moving from other software to 3ds Max This brilliant guide takes you step by step through the whole process of modeling texturing UV mapping lighting and rendering You will learn important concepts and techniques about 3ds Max which you can utilize to create your 3ds Max projects This book also cover the Arnold renderer Using a structured and pragmatic approach this guide begins with basics of modeling then builds on this knowledge using practical examples to enhance your modeling texturing lighting and rendering skills Each unit builds on the knowledge gained in the previous unit showing you all the essentials of 3ds Max 2020 As you go from hands on exercise to hands on exercise you ll develop a strong arsenal of skills that combined will form a complete end to end process to create high quality renders using 3ds Max 2020 This book shares tips tricks notes and cautions throughout that will help you become a better 3ds Max artist and you will be able to speed up your workflow This book is aimed to be a solid teaching resource for learning 3ds Max It avoids any jargon and explains concepts and techniques in an easy to understand manner The first page of the every unit summarizes the topics that will be covered in the unit Hands on exercises in this book instruct users how things can be done in 3ds Max step by step Practicing is one of the best ways to improve skills This book contains practice activities which you are highly encouraged to complete and gain confidence for real world projects By completing these activities you will be able to master the powerful capabilities of 3ds Max By the time you re done you ll be ready to model texture and render any scene in 3ds Max If you buy this book you ll also get access to all 3ds Max files texture files and any other resource used in the book You are free to use these resources in your own projects personal or commercial These working files allow you to follow along with the author throughout the units What are the key features of the book Covers 3ds Max s updated user interface navigation tools functions and commands Explains the polygon subdivision and spline modeling techniques Covers all modifiers Covers Standard materials and lights Covers UV mapping techniques Covers Arnold lights shaders and rendering techniques Detailed coverage of tools and features Features 75 hands on exercises complete with before and after files Features practice activities to test the knowledge gained Additional guidance is provided in the form of tips notes and cautions Important terms are in bold face so that you never miss them The content under What just happened heading explains the working of the instructions The content under What next heading tells you about the procedure you will follow after completing a step s Includes an ePub file that contains the color images of the screenshots illustrations used in the textbook These color images will help you in the learning process This ePub file is

included with the resources Tech support from the author Access to each exercise s initial and final states along with the resources used in hands on exercises Quiz to assess the knowledge Bonus hands on exercises **Autodesk 3ds Max 2021: A Comprehensive Guide, 21st Edition** Prof. Sham Tickoo,2020-09-04 Autodesk 3ds Max 2021 A Comprehensive Guide aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the textbook first introduces the basic features of 3ds Max 2021 and then gradually progresses to cover the advanced 3D models and animations In this textbook one project which is based on the tools and concepts covered in the text has been added to enhance the knowledge of the users Additionally in this edition the readers will be able to learn about some new and enhanced features of 3ds Max 2020 such as Compound Shapes and Chamfer Modifier This book will help you unleash your creativity thus helping you create stunning 3D models and animations Salient Features Consists of 18 chapters and 1 project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions that guide the users through the learning process Additional information throughout the book in the form of notes and tips Self Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2021 Chapter 2 Standard Primitives Chapter 3 Extended Primitives Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Objects Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Index For free download Free Teaching and Learning Resources CADCIM Technologies provides the following free teaching and learning resources with this book Technical support by contacting techsupport cadcim com Max and Media files used in tutorials exercises and illustrations Instructor Guide with solution to all review questions and instructions to create the models for exercises Additional learning resources at 3dsmaxexperts blogspot com and youtube com cadcimtech For Faculty only We also provide video courses on Autodesk 3ds Max To enroll please visit the CADCIM website using the following link www cadcim com video courses *Autodesk 3ds Max 2019 for Beginners: A Tutorial Approach, 19th Edition* Prof. Sham Tickoo,2019 Welcome to the world of Autodesk 3ds Max a 3D modeling animation and rendering software package developed by Autodesk Inc It is widely used by architects game developers design visualization specialists and visual effects artists A wide range of modeling and texturing tools make it an ideal platform for 3D modelers and animators The intuitive user interface and workflow tools of Autodesk 3ds Max have

made the job of design visualization specialists easier Autodesk 3ds Max 2019 for Beginners A Tutorial Approach is a tutorial based book that introduces the readers to the basic features of 3ds Max 2019 created on real world model through tutorials The book caters to the needs of both the novice and the advanced users of the software This book will help you unleash your creativity and help you create simple and complete 3D models and animations Salient Features Consists of 17 chapters and 5 real world based projects that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting rendering and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting rendering and animation Self Evaluation test and Review Questions are given at the end of each chapter so that the users can assess their knowledge Student project has been given at the end of this book to test and enhance the skills of students Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2019 Chapter 2 Primitive Objects I Chapter 3 Primitive Objects II Chapter 4 Working with Splines I Chapter 5 Working with Splines II Chapter 6 Lofting Twisting and Deforming Objects Chapter 7 Material Editor Creating Materials Chapter 8 Material Editor Texture Maps I Chapter 9 Material Editor Texture Maps II Chapter 10 Material Editor Controlling Texture Maps Chapter 11 Material Editor Miscellaneous Materials Chapter 12 Interior Lighting I Chapter 13 Interior Lighting II Chapter 14 Animation Basics Chapter 15 Complex Animation Chapter 16 Rendering Chapter 17 Creating Walkthrough Project 1 Creating a Windmill Project 2 Creating a Diner Project 3 Architectural Project Project 4 Corporate Design Project Project 5 Creating a Computer Center Index **Autodesk 3ds Max 2020 for Beginners: A Tutorial Approach, 20th Edition** Prof. Sham Tickoo,2020-01-21 Autodesk 3ds Max 2020 for Beginners A Tutorial Approach is a tutorial based book that introduces the readers to the features of 3ds Max 2020 such as modeling texturing lighting animation and rendering in an effective and simple manner In this edition the readers will also learn about arnold materials lights and rendering Also some new and enhanced features of 3ds Max 2020 such as Chamfer Modifier and OSL map are covered in this edition Salient Features Consists of 17 chapters and 5 real world projects that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting rendering and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting rendering and animation Self Evaluation test Review Questions and exercises are given at the end of each chapter so that the users can assess their knowledge Student project has been given at the end of this book to test and enhance the skills of students Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2020 Chapter 2 Primitive Objects I Enhanced Chapter 3 Primitive Objects II Enhanced Chapter 4 Working with Splines I Enhanced Chapter 5 Working with Splines II Chapter 6 Lofting Twisting and Deforming Objects Chapter 7 Material Editor Creating Materials Chapter 8 Material Editor Texture Maps I Chapter 9 Material Editor Texture Maps II Chapter 10 Material Editor Controlling Texture Maps Chapter 11 Material Editor Miscellaneous Materials Enhanced Chapter 12 Interior Lighting I Chapter 13 Interior Lighting II Chapter 14 Animation Basics Enhanced Chapter 15 Complex Animation Enhanced Chapter 16 Arnold Materials

Lights and Rendering New Chapter 17 Creating Walkthrough Project 1 Creating a Windmill Project 2 Creating a Diner Project 3 Architectural Project Project 4 Corporate Design Project Project 5 Creating a Computer Center Index Free Teaching and Learning Resources CADCIM Technologies provides the following free teaching and learning resources with this book Technical support by contacting techsupport cadcim com Max files used in tutorials Instructor Guide with solution to all review questions and instructions to create the models for exercises For faculty only Additional learning resources at 3dsmaxexperts blogspot com and youtube com cadcimtech We also provide video courses on Autodesk 3ds Max To enroll please visit the CADCIM website using the following link https www cadcim com video courses   *Autodesk 3ds Max 2022: A Comprehensive Guide, 22nd Edition* Prof. Sham Tickoo,2021-11-09 Autodesk 3ds Max 2022 A Comprehensive Guide book aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the book first introduces the basic features of 3ds Max 2022 and then gradually progresses to cover the advanced 3D models and animations In this book one project which is based on the tools and concepts covered in the book has been added to enhance the knowledge of the users Additionally in this edition the readers will be able to learn about some new and enhanced features introduced in 3ds Max 2022 such as Smart Extrude Retopology modifier Relax modifier Slice modifier Symmetry modifier and so on This book will help you unleash your creativity thus helping you create stunning 3D models and animations Salient Features Consists of 18 chapters and 1 project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions guide the users through the learning process Additional information throughout the book in the form of notes and tips Self Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2022 Chapter 2 Standard Primitives Chapter 3 Extended Primitives Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Object Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Index For free download   **Inside 3ds Max 4** Kim Lee,2002 This latest edition of Inside 3ds max is retooled to focus on the needs of the intermediate to professional user based on continuing conversations with our target audience This market is crying out for information that goes beyond the basic to provide guidance on how to make the most use of the program in real world work situations Inside 3ds Max 4 explores changes in the program as well as more advanced

functionalities and how they can assist the professional user in enhancing efficiency or output Inside 3ds max 4 is organized into units that mirror and actually step through the workflow of a 3D project Moreover where differences exist in the application of techniques between the broadcast film and game interactive applications the authors present careful analysis to assist readers in making the right choices for their technical work The CD ROM includes all of the project files necessary to complete the projects as well as any plug ins referred to in the text **Autodesk 3ds Max 2020: A Comprehensive Guide, 20th Edition** Prof. Sham Tickoo,2019 Autodesk 3ds Max 2020 A Comprehensive Guide book aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the book first introduces the basic features of 3ds Max 2020 and then gradually progresses to cover the advanced 3D models and animations In this book one project which is based on the tools and concepts covered in the text has been added to enhance the knowledge of the users Additionally in this edition the readers will be able to learn about some new and enhanced features of 3ds Max 2020 such as Compound Shapes and Chamfer Modifier Salient Features Consists of 18 chapters and 1 project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions that guide the users through the learning process Additional information throughout the book in the form of notes and tips Self Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2020 Chapter 2 Standard Primitives Chapter 3 Extended Primitives Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Objects Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Index For free download **Autodesk 3ds Max 2019: A Comprehensive Guide, 19th Edition** Prof. Sham Tickoo,2018-07-19 Autodesk 3ds Max 2019 A Comprehensive Guide book aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the book first introduces the basic features of 3ds Max 2019 and then gradually progresses to cover the advanced 3D models and animations In this book two projects based on the tools and concepts covered in the book have been added to enhance the knowledge of users This book will help you unleash your creativity thus helping you create stunning 3D models and animations The book will help the learners transform their imagination into reality with ease Also it takes the users across a wide spectrum of animations

through progressive examples numerous illustrations and ample exercises Salient Features Consists of 18 chapters 1 project and 1 student project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions that guide the users through the learning process Additional information is provided throughout the book in the form of notes and tips Self Evaluation Test and Review Questions are given at the end of each chapter so that the users can assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2019 Chapter 2 Standard Primitives Chapter 3 Extended Primitives Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Objects Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Student Project Index Free Teaching and Learning Resources Technical support by contacting techsupport cadcim com Max files used in tutorials exercises and illustrations Customizable PowerPoint presentations of all chapters Instructor Guide with solution to all review questions and instructions to create the models for exercises Additional learning resources at https 3dsmaxexperts blogspot com and youtube com cadcimtech For faculty only *Autodesk 3ds Max 2025: A Comprehensive Guide, 25th Edition* Prof. Sham Tickoo,2025-02-17 Autodesk 3ds Max 2025 A Comprehensive Guide book aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the book first introduces the basic features of 3ds Max 2025 and then gradually progresses to cover the advanced 3D models and animations One project based on the tools and concepts covered in the book has been added to enhance the knowledge of the users Additionally in this edition of 3ds Max the author has introduced a new feature Global Search and has provided insights into enhancements in retopology tools denoising OCIO color management and improvements to existing modifiers such as Array and Boolean Salient Features Consists of 18 chapters and 1 project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions that guide the users through the learning process Additional information is provided throughout the book in the form of notes and tips Self Evaluation Tests and Review Questions and Exercises at the end of each chapter to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2025 Chapter 2 Standard Primitives Chapter 3 Extended Primitive Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended

Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Objects Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Index For free download   *Autodesk 3ds Max 2023: A Comprehensive Guide, 23rd Edition* Prof. Sham Tickoo,2023-01-24 Autodesk 3ds Max 2023 A Comprehensive Guide book aims at harnessing the power of Autodesk 3ds Max for modelers animators and designers The book caters to the needs of both the novice and the advanced users of 3ds Max Keeping in view the varied requirements of the users the book first introduces the basic features of 3ds Max 2023 and then gradually progresses to cover the advanced 3D models and animations One project based on the tools and concepts covered in the book has been added to enhance the knowledge of the users Additionally in this edition the readers will be able to learn about some new and enhanced features introduced in 3ds Max 2023 such as Auto Backup toolbar Snap Working Pivot Tools Active Viewport icon and so on This book will help you unleash your creativity thus helping you create stunning 3D models and animations Salient Features Consists of 18 chapters and 1 project that are organized in a pedagogical sequence covering various aspects of modeling texturing lighting and animation The author has followed the tutorial approach to explain various concepts of modeling texturing lighting and animation The first page of every chapter summarizes the topics that are covered in it Step by step instructions that guide the users through the learning process Additional information is provided throughout the book in the form of notes and tips Self Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Autodesk 3ds Max 2023 Chapter 2 Standard Primitives Chapter 3 Extended Primitives Chapter 4 Working with Architectural Objects Chapter 5 Splines and Extended Splines Chapter 6 Modifying Splines Chapter 7 Materials and Maps Chapter 8 Modifying 3D Mesh Objects Chapter 9 Graphite Modeling Technique Chapter 10 Compound Objects Chapter 11 Modifiers Chapter 12 Lights and Rendering Chapter 13 Animation Basics Chapter 14 Rigid Body Dynamics and Helpers Chapter 15 NURBS Modeling Chapter 16 Systems Hierarchy and Kinematics Chapter 17 Particle Systems and Space Warps I Chapter 18 Particle Systems and Space Warps II Project 1 Creating a Diner Index For free download   Data-Driven Design and Construction Randy Deutsch,2015-08-27 In this comprehensive book Professor Randy Deutsch has unlocked and laid bare the twenty first century codice nascosto of architecture It is data Big data Data as driver This book offers us the chance to become informed and knowledgeable pursuers of data and the opportunities it offers to making architecture a wonderful useful and smart art form From the Foreword by James Timberlake FAIA Written for architects engineers contractors owners and educators and based on today s technology and practices Data Driven Design and Construction 25 Strategies for Capturing Applying and Analyzing Building Data addresses how innovative individuals and firms are using data to remain

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for both novices and those moving from other software to 3ds Max This book will help you to get started with modeling in 3ds Max you will learn important concepts and techniques about 3D modeling which you can utilize to create hard surfaced objects for your projects You will also learn about managing external design data in 3ds Max 2021 Using a structured and pragmatic approach this guide begins with the basics of modeling then builds on this knowledge using practical examples to enhance your modeling skills Each unit builds on the knowledge gained in the previous unit showing you all the essentials of modeling with 3ds Max 2021 As you go from hands on exercise to hands on exercise you ll develop a strong arsenal of skills that combined will form a complete end to end process to create high quality models using 3ds Max 2021 This book shares tips tricks notes and cautions throughout which will help you become a better 3ds Max artist and you will be able to speed up your workflow This book is aimed to be a solid teaching resource for learning 3ds Max It avoids any jargon and explains concepts and techniques in an easy to understand manner The first page of every unit summarizes the topics that will be covered in the unit Hands on exercises in this book instruct users how things can be done in 3ds Max step by step Key Features Covers 3ds Max s user interface navigation tools functions and commands Explains the polygon subdivision and spline modeling techniques Covers all modifiers Explains how to manage external design data Detailed coverage of tools and features Features 34 hands on exercises complete with before and after files Features 40 practice activities to test the knowledge gained Additional guidance is provided in the form of tips notes and cautions Important terms are in boldface so that you never miss them The content under What just happened heading explains the working of the instructions The content under What next heading tells you about the procedure you will follow after completing a step s Tech support from the author Access to each exercise s initial and final states along with the resources used in hands on exercises Quiz to assess knowledge Bonus hands on exercises Includes a PDF file that contains the color images of the screenshots illustrations used in the textbook These color images will help you in the learning process This PDF file is included with the resources For more info visit PADEXI ACADEMY S website   The Software Encyclopedia ,1988   3ds Max Basics for Modeling Video Game Assets: Volume 1 William Culbertson,2019-04-15 A textbook for learning 3d modeling fundamentals this step by step lesson book develops the readers modeling skills through a series of modeling exercises creating modules for a medieval castle environment As the text introduces new modeling skills it additionally calls on the reader to perform repetitive tasks reinforcing skills learned in the process The content is presented as if the reader is in a working video game studio being responsible for researching asset design providing the team with placeholder assets and final model assets that are unwrapped and custom textured Upon completion of the modeling projects the modeled environment is exported to the Unity game engine for use in a real game environment Although the text uses Autodesk 3ds Max for the modeling program the principals are transferable to other major modeling programs Key Features The goal of this book is to teach the fundamentals of 3d modeling video game assets in a simplified logical progression optimized for learning at a beginner level

This series of modeling exercises is the result of having taught over one thousand video game students the fundamentals of 3d modeling Often teachers are not fully trained in teaching the concepts of 3d modeling This text written for self paced learning helps those instructors Includes instructions and project files for exporting the finished project environment into a 3d game engine Unity Appendices include additional 3ds Max tool instructions A companion site includes working 3ds Max project files for Chapters a 3ds Max user interface and 3ds Max short cut keys and more   3ds Max 4 Magic Sean Bonney,2001 3ds Max 4 Magic follows the same project based pedagogy that has made previous Magic titles a success The primary goals are to present changes in functionality best practices and inspirational effects Each project is 10 to15 pages in length and provides instruction as well as suggestions for enhancing or modifying the project effect Each page is designed in a 3 column format with step by step instructions on the left and corresponding graphics or code in the middle The third column is used to provide additional tips and tricks Any effect technique or tip can easily be customized to fit the readers

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