

# Übungen Mit Dem Soma Würfel Spielerischer Aufbau

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**Christmas in Icicle Falls** Sheila Roberts 2021-11-01 Return to the fan-favorite town of Icicle Falls with the final installment in USA TODAY bestselling author Sheila Roberts's treasured series When Muriel Sterling released her new book, A Guide to Happy Holidays, she felt like the queen of Christmas. She's thrilled when the new tree she ordered online arrives and is eager to show it off—until she gets it out of the box and realizes it's a mangy dud. But rather than give up on the ugly tree, Muriel decides to make a project out of it. As she pretties up her tree, she realizes there's a lesson to be learned: everything and everyone has potential. Maybe even her old friend Arnie, who's loved her for years. Except, she's not the only one seeing Arnie's potential... Meanwhile, Muriel's ugly-tree project has also inspired her friends. Sienna Moreno is trying to bring out the best in the grouchy man next door, who hates noise, hates kids and hates his new neighbors. And while Olivia Claussen would love to send her obnoxious new daughter-in-law packing, she's adjusting her attitude and trying to discover what her son sees in the girl. If these women can learn to see the beauty in the "ugly trees" in their lives, perhaps this might turn out to be the happiest holiday yet. Previously published

## **Ginger and Friends** 2019

**The Star Tree** Gisela Cölle 2021-09-14 Memory—and the Christmas spirit—can be powerful and miraculous! A timeless classic back in print with a fresh new look In a little house, in a big city, an old man remembers Christmases long ago—when friends and family gathered to tell stories and sing carols and children made gold paper stars to welcome visitors. Now the city is filled with skyscrapers, bright lights, and signs. Who would even notice old-fashioned paper stars hanging in a window? But when the old man decorates a park tree with his basket full of paper stars—the whole community discovers just how

powerful the Christmas spirit can be in this joyous holiday story. "A quiet appeal for simple pleasures and old-fashioned celebrations."—School Library Journal

**Mathematics Education and Technology-Rethinking the Terrain** Celia Hoyles  
2009-10-09 Mathematics Education and Technology-Rethinking the Terrain revisits the important 1985 ICMI Study on the influence of computers and informatics on mathematics and its teaching. The focus of this book, resulting from the seventeenth Study led by ICMI, is the use of digital technologies in mathematics teaching and learning in countries across the world. Specifically, it focuses on cultural diversity and how this diversity impinges on the use of digital technologies in mathematics teaching and learning. Within this focus, themes such as mathematics and mathematical practices; learning and assessing mathematics with and through digital technologies; teachers and teaching; design of learning environments and curricula; implementation of curricula and classroom practice; access, equity and socio-cultural issues; and connectivity and virtual networks for learning, serve to organize the study and bring it coherence. Providing a state-of-the-art view of the domain with regards to research, innovating practices and technological development, Mathematics Education and Technology-Rethinking the Terrain is of interest to researchers and all those interested in the role that digital technology plays in mathematics education.

**Emma and the Blue Genie** Cornelia Funke 2014 Eight--year-old Emma and her little dog, Tristan, take a magic carpet ride to the distant land of Barakash to help a genie recover his stolen magical nose ring.

Handbook of European Societies Stefan Immerfall 2010 European integration is one of the most ambitious and socially far-reaching developments in world politics and in world economics. Against growing opposition and despite increasing social heterogeneity, the European Union continues to expand and to acquire new competences. But to what extent is the self-proclaimed "ever closer union among the peoples of Europe" a social reality? In which ways is the political European project anchored in social developments? How does social change impinge upon political integration? Societal trends in multi-cultural, multi-ethnic, multi-lingual and socially diverse Europe have never been studied systematically. Handbook of European Societies: Social Transformations in the 21st Century sets to rectify this neglect of societal developments in Europe, providing a groundwork for the sociology of European integration. The book portrays social life and social relations in the enlarged Europe, and gives a perspective on the European Union as an evolving social entity. Handbook of European Societies is a pioneering source book analyzing the current social patterns on the continent. It covers a representative selection of major topics of social concern and sociological relevance, such as Collective Action, Consumption, Identity, Power Structure, Sexuality, Stratification and Well-being. Each contribution probes key developments in a strictly comparative manner. The Handbook thus offers a detailed look into the intricacies of the national societies of Europe and into the prospect of an emerging European

society. The Editors have enlisted leading researchers to synthesize existing knowledge and to make use of many different data sources in a straight-forward style. The contributions stay away from jargon, simple labeling and sweeping assertions. Instead, they provide solid and accessible information on a wide variety of social trends and processes within and across European societies

Lesson Study Maitree Inprasitha 2015-03-25 Classroom Innovations through Lesson Study is an APEC EDNET (Asia-Pacific Economic Cooperation Education Network) project that aims to improve the quality of education in the area of mathematics. This book includes challenges of lesson study implementation from members of the APEC economies. Lesson study is one of the best ways to improve the quality of teaching. It is a model approach for improvement of teacher education across the globe. This book focuses on mathematics education, teacher education, and curriculum implementation and reforms. Contents: The Role of Lesson Study in Overcoming Challenges in Mathematics Education: Mathematics Education for the Knowledge-Based Society (Alan J Bishop) Mathematical Thinking for Classroom Decision Making (Kaye Stacey) Setting Lesson Study within a Long-Term Framework of Learning (David Tall) Lesson Study: An Essential Process for Improving Mathematics Teaching and Learning (Akihiko Takahashi) Comparative Study of Mathematics Classrooms – What can be Learned from the TIMSS 1999 Video Study? (Frederick K S Leung) The Science of Lesson Study in the Problem Solving Approach (Masami Isoda) Preparing Ground for the Introduction of Lesson Study in Thailand (Maitree Inprasitha) Perspectives on Lesson Study and Professional Development: History of Lesson Study to Develop Good Practices in Japan (Shizumi Shimizu & Kimiho Chino) What have We Learned about Lesson Study Outside Japan? (Catherine Lewis) Enhancing Mathematics Teachers' Professional Development through Lesson Study ~ A Case Study in Singapore ~ (Ban-Har Yeap, Peggy Foo & Poh Suan Soh) Using Lesson Study to Develop an Approach to Problem Solving: Adding and Subtracting Fractions (Kazuyoshi Okubo & Hiroko Tsuji) Prospective Teacher Education in Mathematics through Lesson Study (Maitree Inprasitha) In-service Teacher Education in Mathematics through Lesson Study (Soledad A Ulep) Lesson Study for Illustrating Innovative Approaches in the Classroom: Transforming Education through Lesson Study: Thailand's Decade-Long Journey (Maitree Inprasitha) Mathematics Teachers Professional Development through Lesson Study in Indonesia (Marsigit) Lesson Study in Chile (Grecia Gálvez) Initiating Lesson Study to Promote Good Practices: A Malaysian Experience (Chap Sam Lim & Chin Mon Chiew) Using Lesson Study as a Means to Innovation for Teaching and Learning Mathematics in Vietnam: Research Lesson on the Property of the Three Medians in a Triangle (Tran Vui) Lesson Study in Singapore: A Case of Division with Remainder in a Third Grade Mathematics Classroom (Yanping Fang & Christine Kim Eng Lee) Enabling Teachers to Introduce Innovations in the Classroom through Lesson Study (Soledad A Ulep) What is a Good Lesson in Japan? An Analysis (Takeshi Miyakawa) Using Lesson Study to Connect Procedural Knowledge with Mathematical Thinking (Patsy Wang-Iverson & Marian Palumbo) Readership: Mathematics educators of teacher training colleges, mathematics teachers, prospective teachers (elementary and secondary school) and undergraduate students in mathematics. Key Features: Presents the world reform movement by top researchers Includes the challenges of lesson study and

videos of model lessons in the world (lesson videos will be available on the website: <http://www.criced.tsukuba.ac.jp/math/apec>) Includes the Japanese teaching methods called "problem-solving approaches" Keywords: Lesson Study; Mathematics; Mathematics Education; Elementary School; Secondary School; Open-Ended Approach; Problem Solving; Teacher Education; Pedagogical Content Knowledge; Action Research; Lesson Videos; Curriculum Standards

Nonverbal Learning Disabilities Cesare Cornoldi 2016-08-12 Increasing numbers of children and adolescents are being diagnosed with nonverbal learning disabilities (NLD), yet clinicians and educators have few scientific resources to guide assessment and intervention. This book presents up-to-date knowledge on the nature of NLD and how to differentiate it from DSM-5 disorders such as autism spectrum disorder and developmental coordination disorder. Effective strategies for helping K-12 students and their families address the challenges of NLD in and outside of the classroom are illustrated with vivid case material. The authors thoughtfully consider controversies surrounding NLD, discuss why the diagnosis is not included in the current DSM and ICD classification systems, and identify important directions for future research.

*The Blue Soda Siphon* Urs Widmer 2022-08-05 A magnificent example of Widmer's characteristic humor, literary genius, and unparalleled imagination. In the wildly entertaining novel *The Blue Soda Siphon*, the narrator unexpectedly finds himself back in the world of his childhood: Switzerland in the 1940s. He returns to his childhood home to find his parents frantic because their son is missing. Then, in another switch, the young boy that he was back then turns up in the present of the early 1990s, during the Gulf War, where he meets himself as an older man, and meets his adult self's young daughter. These head-scratching, hilarious time shifts happen when both the adult narrator and his childhood self go to the cinema and see films, the subjects of which echo their own lives. Translated into English for the first time by Donal McLaughlin, this novel, in which the eponymous blue soda siphon bottle is a recurring symbol, is a magnificent example of Urs Widmer's characteristic humor, literary genius, and unparalleled imagination.

The Pigs' Wedding Helme Heine 1991 Two pigs marry and celebrate with their friends in splendid fashion.

**Now We Are Cool** Susan Opel-Gotz 2015-12-20 Two brothers decide to change their lives. They will become cool. But how? With sunglasses? By watching monster and vampire movies and not being scared? By drinking as much soda pop as they can? By listening to loud music with headphones? By being rude to relatives? By having bad table manners? Or maybe not. Perhaps being cool is something else altogether. This engaging picture book marks the North American debut of Susan Opel-Gotz, the bestselling picture book author/illustrator. She lives in Munich, Germany.

**Lilli the Witch - Magic Homework** Knister 2005

**The Art of Problem Solving** Alfred S. Posamentier 1995-12-04 Problem solving has always been a fundamental element of mathematics. This innovative book challenges the perception that solving a problem is merely a means to an end. Focusing on problem solving as a subject in its own right, the contributors present a broad range of practical, theoretical, simple, intricate and purely mathematical examples.

**Adventures with Impossible Figures** Bruno Ernst 1986 In this book Bruno Ernst is out enthusiastic guide to the charm and fascination of the world of impossible figures. It could only have been written by someone with a long and intimate knowledge of the subject and for whom the discovery of the impossible world is still a personal adventure. -- from back cover.

Grammar Goals Nicole Taylor 2014-02-14 Includes a Pupil's Book and a CD-ROM. This title features 10 units per level and a two-page exam practice writing development section and reference material. It also includes a CD-ROM with interactive grammar activities, that support the material covered in each unit.

**Classic Vegetarian Cuisine** Rosemary Moon 1995

**Ratgeber Förderplanung** U. Heimlich 2021-11-20 Die individuelle Förderplanung stellt eine Kernkompetenz sonderpädagogischer Lehrtätigkeit dar, sowohl im Förder- als auch im Regelschulbereich. Diese praktische Handreichung bietet Ihnen nun Unterstützung bei dieser anspruchsvollen Aufgabe. Sie gibt einen Überblick über Methoden und Materialien zur Förderplanung in den Bereichen Lesen und Schreiben sowie in den Bereichen mathematische, sensomotorische, kognitive, emotionale und soziale Kompetenzen. Zusätzlich gibt es einen konkreten Leitfaden zur Erstellung des Förderplans. Auch die Themen Beratung und Gesprächsführung im Rahmen von Förderplanberatung und Teamfallbesprechung werden vorgestellt. Besonders praktisch: Leitfäden und Planungshilfen zum Förderplan und zur Förderstunde werden auch als veränderbare Word-Dateien zum Herunterladen angeboten.

**Europe in Motion** Maurizio Bach 2006

**Collins German-English, English-German Dictionary** Stuart Fortey 2003 A completely new edition of the Desktop German Dictionary, fully revised and updated for the upper-intermediate to advanced learner.

*Basghetti Spaghetti* Susanne Vettiger 2005 Oscar is a young crab who, when he gets excited, mixes up his words, causing his classmates to laugh at him, but Doctor Octopus knows some games that might help.

*Nomenclature of Organic Chemistry* 1993

School Law Michael W Lamorte 2015-10-08 This text is written for K-12 educators and others who have little background in school law and need to know the sources of law under which educators operate. It focuses on an understanding of

legal rationale and the principles that inform practice. Relevant case law, statutory law, constitutional provisions, and commentary are provided to develop a basic understanding of school law issues and the legal rationale underpinning such law. Broad legal concepts such as due process, equal protection, freedom of expression, the wall separating church and state, and reasonable search are stressed to help professional educators gain a better understanding of the legal landscape in which they operate. The case method of studying school law is emphasized. Selected cases present legal concepts in a real world context, assisting students in making the essential connection between more abstract general principles of law and their operational application in schools. This text is revised every three years to present the most current available information. But because the law changes rapidly, this text also provides students with essential skills and tools necessary for basic legal research, case citation, analyzing judicial decisions, and understanding the operations of state and federal systems of government. Lastly, but most importantly, the text is written in a clear, understandable, and interesting manner, to actively engage students in lively discussion, and debate concerning the application of the law in schools. The author provides notes and questions throughout the book to facilitate better understanding of the law and enable instructors to enrich learning through stimulating class discussions."

**Thin Ice** Mikael Engström 2016-09-28 A young boy is sent to live with his aunt in northern rural Sweden temporarily when his alcoholic father cannot care for him but runs away when he is moved again to an unpleasant foster home.

Playway to English Level 2 Pupil's Book Günter Gerngross 2009-03-12 Playway to English Second edition is a new version of the popular four-level course for teaching English to young children. Pupils acquire English through play, music and Total Physical Response, providing them with a fun and dynamic language learning experience. In the Pupil's Book:

- Fantastic varied tasks keep children motivated
- Cross-curricular activities take children's learning beyond the English language classroom
- Self evaluation sections help children retain and recycle new language
- Regular Word play sections encourage pupils to use the target language creatively

*Einstein Never Used Flash Cards* Kathy Hirsh-Pasek 2004-08-12 Now Available in Paperback! In *Einstein Never Used Flashcards* highly credentialed child psychologists, Kathy Hirsh-Pasek, Ph.D., and Roberta Michnick Golinkoff, Ph.D., with Diane Eyer, Ph.D., offer a compelling indictment of the growing trend toward accelerated learning. It's a message that stressed-out parents are craving to hear: Letting tots learn through play is not only okay-it's better than drilling academics! Drawing on overwhelming scientific evidence from their own studies and the collective research results of child development experts, and addressing the key areas of development-math, reading, verbal communication, science, self-awareness, and social skills-the authors explain the process of learning from a child's point of view. They then offer parents 40 age-appropriate games for creative play. These simple, fun--yet powerful exercises work as well or better than expensive high-tech gadgets to teach a

child what his ever-active, playful mind is craving to learn.

*Cs from Anna* Jean Little 2000-08-01 When the family moves from Germany to Canada in the 1930's, a nine-year-old girl discovers the reason for her awkwardness and apparent inability to do anything right.

**The Wild Soccer Bunch, Book 5, Max the Golden Boot** JOACHIM MASANNEK 2014-05-15

**Textile Nature** Anne Kelly 2016-06-09 An inspirational guide to using nature in textile art, with step-by-step projects Plants, flowers, gardens, insects and birds are a rich source of inspiration for artists and designers of all kinds. This beautiful guide demonstrates how to get the most out of your surroundings to create original and unique pieces in textiles. Beginning with a chapter on drawing from nature, the book demonstrates how to use sketchbooks and create mood boards to explore your local environment and landscape. The author demonstrates how to make small pieces such as folding books based on observational drawing and stitch. Moving on to a section on floral inspiration, the author shows how to use plants and flowers in your work, from using stencilled flower motifs as embellishment to printing with plants onto fabric and making simple relief prints. Finally, the taking flight chapter demonstrates how to move into three-dimensions and sculptural work with birds and insects made from cloth. Featuring step-by-step projects as well as work from contemporary artists, makers and collaborative groups throughout, this practical and beautiful guide shows how practitioners of all kinds can draw from the natural world for making and inspiration.

**Übungen mit dem SOMA-Würfel** Carin de Vries 2017-01-09

Proofs Without Words II Roger B. Nelsen 2020-02-22 Like its predecessor, *Proofs without Words*, this book is a collection of pictures or diagrams that help the reader see why a particular mathematical statement may be true and how one could begin to go about proving it. While in some proofs without words an equation or two may appear to help guide that process, the emphasis is clearly on providing visual clues to stimulate mathematical thought. The proofs in this collection are arranged by topic into five chapters: geometry and algebra; trigonometry, calculus and analytic geometry; inequalities; integer sums; and sequences and series. Teachers will find that many of the proofs in this collection are well suited for classroom discussion and for helping students to think visually in mathematics.

*The Basic Law of Color Theory* Harald Küppers 1982 Describes the nature of color, explains how the human eye works, and discusses color mixing, color in art, and the interaction between light and color perception

**Mathematik und geistige Behinderung** Holger Schäfer 2020-02-26 Im Förderschwerpunkt geistige Entwicklung (FgE) gehörte der Mathematikunterricht lange nicht zum Standard. Studien zeigen aber, dass die Entwicklungsprozesse bei Schülern im FgE nicht grundsätzlich anders verlaufen, sondern meist

Verzögerungen und Grenzen infolge der Behinderung aufweisen. Das Buch liefert darauf fußend eine Neuausrichtung der sonderpädagogischen Mathematikdidaktik. Verbunden mit dem Anschluss an fachwissenschaftliche Grundlagen steht die Berücksichtigung der besonderen Bedürfnisse der Schülerschaft im Zentrum des Buches. Zugleich vermittelt es Praxiswissen zum Mathematikunterricht für Schüler mit geistiger Behinderung. Das Buch eignet sich so als Grundlagenwerk für Studium und Lehrerbildung sowohl für den FgE als auch für die Grundschulpädagogik.

**Magic Squares and Cubes** William Symes Andrews 1908

**Five-minute Mathematics** Ehrhard Behrends 2008-01-01 This collection of one hundred short essays gives readers a grand tour through contemporary and everyday mathematics. Behrends provides classics from his newspaper column in Die Welt, expands and illustrates them, and gives readers just enough information at a time to build mastery of concepts and applications. The topics range from pure mathematics to applied math, but all essays are suspenseful and fun to read. This is a very handy tool for teachers of all levels of mathematics (even elementary school children will be able to handle some of the topics), and Behrends assumes his readership has an interest but only a minimal background in mathematics so the essays are accessible but not dumbed-down.

**Ocean Circulation** Joan Brown 2016-01-22 The first two chapters outline the causes of circulation patterns in the atmosphere and oceans, emphasizing the interactions between them. Chapter 3 deals with the surface circulation (including mesoscale eddies), using a minimum of mathematics. Chapter 4 reviews the history of ideas about ocean circulation (with special reference to the North Atlantic gyre), and Chapter 5 describes the major current systems at high and low latitudes. The final Chapter returns to the theme of ocean-atmosphere interaction, especially the global transport of heat and freshwater, and the formation of sub-surface water masses. Fully illustrated in four colours Fully illustrated in four colours

**The Golden Apple** Max Bolliger 1970 Each animal feels the golden apple in the forest belongs to him but in the end none can get it.

*Scribble Art* MaryAnn F. Kohl 1994 Provides instructions for more than one hundred arts and crafts for children to make using common household items

**Förderung des räumlichen Vorstellungsvermögens im Mathematikunterricht der Grundschule: Praktische Umsetzung in einer zweiten Klasse anhand der Unterrichtseinheit "Würfelgebäude"** Nina Bücker 2015-02-01 In der vorliegenden Arbeit steht die Frage im Mittelpunkt, ob die Schüler der 2. Klasse durch meine Unterrichtseinheit bzw. durch die von mir gewählten Zielintentionen und didaktisch-methodischen Entscheidungen in ihrem räumlichen Vorstellungsvermögen gefördert werden konnten bzw. welchen Lernzuwachs sie im räumlich-visuellen Bereich erzielen konnten. Um dabei zu aussagekräftigen Ergebnissen zu gelangen,

werden vor und nach Durchführung der Unterrichtseinheit „Würfelgebäude“, in der der Schwerpunkt auf dem Bauen von Würfelgebäuden nach Bildvorlage und Bauplan sowie auf dem Schreiben von Bauplänen zu gegebenen Würfelgebäuden liegt, zwei Untertests des Heidelberger Rechentests 1-4 (HRT 1-4; Haffner, Baro, Parzer & Resch, 2005) aus dem räumlich-visuellen Bereich in der Klasse geschrieben, um diesbezügliche Veränderungen festzustellen: Der Untertest „Würfelaufgaben“ und der Untertest „Längenschätzen“. Da bspw. die Fähigkeit, sich das Vorhandensein verdeckter Würfel eines Würfelgebäudes vorstellen zu können, ein wichtiger Aspekt der Raumvorstellung ist, gehe ich zunächst davon aus, dass dies einige Schüler bereits beherrschen, andere dagegen noch nicht. In diesem Zusammenhang wird an dieser Stelle die zentrale These aufgestellt, dass sich das räumliche Vorstellungsvermögen durch die Unterrichtseinheit individuell bei jedem Kind im Vergleich zum Ausgangstest verbessern wird, da es als kognitive Fähigkeit und Teil der menschlichen Intelligenz insbesondere im Grundschulalter trainierbar ist. Ich erwarte, dass sich durch die Unterrichtseinheit Fortschritte in der Entwicklung der Raumvorstellung im Bereich der Mengenerfassung mit einem räumlichen Schwerpunkt (Untertest „Würfelaufgaben“) zeigen werden, weil die Schüler während der Unterrichtseinheit die in der Literatur geforderten zahlreichen Handlungserfahrungen sammeln und bei der Arbeit mit Würfelgebäuden und Bauplänen einen ständigen Wechsel zwischen zwei- und dreidimensionaler Ebene bzw. zwischen enaktiver, ikonischer und symbolischer Ebene vollziehen müssen, wodurch von der konkreten Handlung langsam unabhängige Vorstellungsbilder entstehen. Weitere zu überprüfende Fragen sind, ob sich einerseits positive Korrelationen zwischen den Testwerten beider Untertests zeigen werden und ob sich andererseits beim Vergleich der Ergebnisse des zweiten Untertests „Längenschätzen“ vorher und nachher Synergieeffekte ergeben, das heißt ob sich die Ergebnisse z.B. dann verbessern, wenn dies auch bei den Ergebnissen des [...]

Didactics of Mathematics as a Scientific Discipline Rolf Biehler 2006-04-11  
Didactics of Mathematics as a Scientific Discipline describes the state of the art in a new branch of science. Starting from a general perspective on the didactics of mathematics, the 30 original contributions to the book, drawn from 10 different countries, go on to identify certain subdisciplines and suggest an overall structure or 'topology' of the field. The book is divided into eight sections: (1) Preparing Mathematics for Students; (2) Teacher Education and Research on Teaching; (3) Interaction in the Classroom; (4) Technology and Mathematics Education; (5) Psychology of Mathematical Thinking; (6) Differential Didactics; (7) History and Epistemology of Mathematics and Mathematics Education; (8) Cultural Framing of Teaching and Learning Mathematics. Didactics of Mathematics as a Scientific Discipline is required reading for all researchers into the didactics of mathematics, and contains surveys and a variety of stimulating reflections which make it extremely useful for mathematics educators and teacher trainers interested in the theory of their practice. Future and practising teachers of mathematics will find much to interest them in relation to their daily work, especially as it relates to the teaching of different age groups and ability ranges. The book is also recommended to researchers in neighbouring disciplines, such as mathematics

itself, general education, educational psychology and cognitive science.

**Introduction to Crystallography** Frank Hoffmann 2020-07-31 This book invites you on a systematic tour through the fascinating world of crystals and their symmetries. The reader will gain an understanding of the symmetry of external crystal forms (morphology) and become acquainted with all the symmetry elements needed to classify and describe crystal structures. The book explains the context in a very vivid, non-mathematical way and captivates with clear, high-quality illustrations. Online materials accompany the book; including 3D models the reader can explore on screen to aid in the spatial understanding of the structure of crystals. After reading the book, you will not only know what a space group is and how to read the International Tables for Crystallography, but will also be able to interpret crystallographic specifications in specialist publications. If questions remain, you also have the opportunity to ask the author on the book's website.