





The use of the wind as an energy source is increasing and growing worldwide. Wind energy is an important non-fossil option to supplement fossil (coal, natural gas and oil) and nuclear fuels for the generation of electricity. Many parts of the world, particularly the coastlines of Western Europe, North Africa, North and South America, India, Eastern Russia, China, the Philippines, Australia and New Zealand, experience a high annual incidence of wind energy. The United Kingdom of Great Britain and Northern Ireland, together with the Republic of Ireland form a particularly windy location, being favoured with strong westerly winds. The technology of the design and installation of wind turbines and wind farms are, in fact, well established. Operational practice, though, is still being developed as engineers learn by experience. This book is written for electrical engineers concerned with the use of wind power for generating electricity. It incorporates some meteorological features of international wind supply plus a survey of the past and present wind turbines with technical assessment of the choice of turbine sites. Detailed coverage is given to the different types of electrical generator machines used and the electronic control devices employed in modern turbine systems. Importantly, this book devotes full chapters to the integration of wind farms into established electrical grid supply systems, and the environmental and economic aspects of wind generation. Engineers will be drawn to the practical approach in this book, featuring worked numerical examples — complete with answers — at the end of some chapters.

Modern scholarship has exposed the intrinsic importance of medieval science and confirmed its role in preserving and transmitting Greek and Arabic achievements. This Source Book offers a rare opportunity to explore more than ten centuries of European scientific thought. In it are approximately 190 selections by about 85 authors, most of them from the Latin West. Nearly half of the selections appear here for the first time in any vernacular translation. The readings, a number of them complete treatises, have been chosen to represent "science" in a medieval rather than a modern sense. Thus, insofar as they are relevant to medieval science, selections have been drawn from works on alchemy, astrology, logic, and theology. Most of the book, however, reflects medieval understanding of, and achievements in, the mathematical, physical, and biological sciences. Critical commentary and annotation accompany the selections. An appendix contains brief biographies of all authors. This book will be an indispensable resource for students and scholars in the history of science.

Routledge Introductions to Applied Linguistics is a series of introductory level textbooks covering the core topics in Applied Linguistics, primarily designed for those beginning postgraduate studies, or taking an introductory MA course as well as advanced undergraduates. Titles in the series are also ideal for language professionals returning to academic study. The books take an innovative 'practice to theory' approach, with a 'back-to-front' structure. This leads the reader from real-world problems and issues, through a discussion of intervention and how to engage with these concerns, before finally relating these practical issues to theoretical foundations. Additional features include tasks with commentaries, a glossary of key terms, and an annotated further reading section. Exploring Language Assessment and Testing is a straightforward introduction to the field that provides an inclusive and impartial survey of both classroom

based assessment by teachers and larger scale testing, using concrete examples to guide students to the relevant literature. Ranging from theory to classroom based scenarios, the author provides practical guidance on designing, developing and using assessments, with flexible, step by step processes for improving the quality of tests and assessment systems to make them fairer and more accurate. This book is an indispensable introduction to the areas of language assessment and testing, and will be of interest to language teachers as well as postgraduate and advanced undergraduate students studying Language Education, Applied Linguistics and Language Assessment.

This book investigates the efforts of homeowners to maintain and improve their dwellings. Their behavior, it has found, depends on economic variables as well as the sociological structure of their neighborhoods. Residential satisfaction, expectations of the neighborhood, and mobility plans were taken into account. Multivariate statistical analyses of models were conducted using household data from Minneapolis and Wooster, Ohio. Three important findings emerged. First, homeowners' sense of solidarity with their neighbors is as significant in determining their efforts at home upkeep as are their income or age. Second, the optimism of homeowners toward increases in property values results in behavior opposite to that produced by optimism about neighborhood quality of life. This implies that different kinds of predictable gaming behavior occur among homeowners, depending on the neighborhoods in which they live. Third, both short-term and extremely long-term plans to move prove damaging to home upkeep. The results of this study form the basis for a better understanding of such residential phenomena as class succession, racial transition, and gentrification. Galster's findings will also be valuable for analyzing policies that attempt to encourage neighborhood reinvestment.

Authentic examination papers for learners preparing for the revised Pre A1 Starters, A1 Movers and A2 Flyers exams as introduced in 2018. This collection of examination papers for A1 Movers provides ideal exam practice. It contains three full-colour test papers which contain engaging activities and attractive illustrations to motivate young learners. These papers also provide an excellent opportunity for children, parents and teachers alike to familiarise themselves with the format of the revised test. An Audio CD (which contains the listening sections of the tests) and an Answer Booklet are also available separately.

Vols. for Jan. 1896-Sept. 1930 contain a separately page section of Papers and discussions which are published later in revised form in the society's Transactions. Beginning Oct. 1930, the Proceedings are limited to technical papers and discussions, while Civil engineering contains items relating to society activities, etc.

Educating children and leading them towards the path of bilingualism is a valuable and challenging task for any educator. Effective language teaching can contribute to young learners' cognitive growth, develop their problem-solving skills, enhance their comprehension abilities, and provide children with the satisfaction of succeeding in the challenge of

learning a foreign language. All these issues must be taken under consideration when researching children and their teachers. The current literature indicates that further material is needed to provide professionals with different classroom situations and enhance the art of teaching children. Teaching Practices and Equitable Learning in Children's Language Education focuses on various perspectives of efficient practices, approaches, and ideas for professional development in the field of young language learners. The chapters in this book link the theoretical understanding and practical experience of teaching children languages by concentrating on teaching practices, material design, classroom management, reading, speaking, writing, and more. This book is designed for inservice and preservice teachers, administrators, teacher educators, practitioners, stakeholders, researchers, academicians, and students interested in the field of early language learning and applied linguistics at large.

Give your child the support they need in English These new practice test materials for Cambridge English: Movers (also known as Young Learners English: Movers) support young learners and include comprehensive guidance for both teachers and parents. By working through the practice tests, children will feel ready for what they need to do on the day of the test, and will also have fun whilst they are learning. The book includes:\*

- \* 3 full practice tests with a colourful and clear design to motivate and encourage young learners, and prepare them for what they will see in the real test\*
- \* An audio CD with recordings by young native English speakers
- \* The Teacher's Guide and a Parent's Guide are available online, and are full of information and support for anyone preparing their child for their first Cambridge English test. For Teachers and Parents (available online)\*
- \* A full guide to each part of the test\*
- \* Ideas for exam preparation activities\*
- \* Model answer recordings for the Speaking paper - recorded by young native English speakers so that learners hear examples of correct English again and again\*
- \* Cambridge English vocabulary list with the key words learners need to know\*
- \* Audio scripts for the Listening and Speaking sections\*
- \* Answer key

Exam papers from Cambridge ESOL for the Cambridge Young Learners English Test (Starters, Movers and Flyers).

[Copyright: 83f3150472487968d0328edb1144aaef](https://www.cambridge.org/9780521114400)