

1. Record Nr.	UNINA9910465074903321
Autore	Tunncliffe Sue Dale
Titolo	Talking and doing science in the early years : a practical guide for ages 2-7 // Sue Dale Tunncliffe
Pubbl/distr/stampa	Milton Park, Abingdon, Oxon ; ; New York : , : Routledge, , 2013
ISBN	1-136-58750-0 0-203-16380-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (327 p.)
Disciplina	372.35
Soggetti	Science - Study and teaching (Early childhood) - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Half Title; Title Page; Copyright Page; Dedication; Table of Contents; List of figures; Acknowledgements; 1. About the book; Summary; Introduction; About this book; Organization of the book; 2. Background to early years science; Emphasis of early years science; Development of the child as a scientist; Talk with doing; Scientific literacy for all; The language development through science work; Talking and listening; The ideas of children; Science of everyday; Investigations; Language acquisition; A child's first word; Helping children talk to clarify ideas Using talk to focus a child's attentionAdults using talk to help learning; Story telling; Conclusion; 3. Resources, language and skills for everyday science; Summary; Introduction; Conclusion; 4. Living things - ourselves; Summary; Talking and doing; 5. Other living things - animals; Summary; Talking and doing; 6. Other living things - plants; Summary; Talking and doing; 7. Other living things - fungi, bacteria and algae; Summary; Talking and doing; 8. Forces - pushes and pulls; Summary; Talking and doing; 9. Structures; Summary; Talking and doing; 10. Changes; Summary; Talking and doing 11. MaterialsSummary; Talking and doing; 12. The built environment; Summary; Talking and doing; 13. Outside - the natural environment: soils, sky, weather; Summary; Talking and doing; References and further reading; Index

Sommario/riassunto

<P>Young children are intuitive, emergent scientists - they observe, raise hypotheses, experiment and notice patterns. Most of our everyday actions at home and in other settings, inside and outside, have a scientific basis and it is through these early experiences that children formulate their ideas about the world in which we live. </P><P>This accessible book introduces the simplest form of the principles and the big ideas of science and provides a starting point for encouraging children to have an interest and experiential understanding of basic science and engineering. It shows you how you
