



UvA-DARE (Digital Academic Repository)

A developmental psychology perspective on preschool science learning: Children's exploratory play, naïve theories, and causal learning

van Schijndel, T.J.P.

Publication date
2012

[Link to publication](#)

Citation for published version (APA):

van Schijndel, T. J. P. (2012). *A developmental psychology perspective on preschool science learning: Children's exploratory play, naïve theories, and causal learning*. [Thesis, fully internal, Universiteit van Amsterdam].

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

CONTENTS

Chapter 1	General introduction	7
Chapter 2	A sciencing program and young children's exploratory play in the sandpit	17
Chapter 3	The Exploratory Behavior Scale: Assessing young visitors' hands-on behavior in science museums	33
Chapter 4	Children's mental models of prenatal development	53
Chapter 5	Development of causal learning in 2- to 5-year-olds: Multiple age-related types of causal inference	79
Chapter 6	Young children perform better experiments after observing evidence conflicting with their prior knowledge	97
Chapter 7	Parent explanation and preschoolers' exploratory behavior and learning in a shadow exhibition	121
Chapter 8	Summary and general discussion	147
	References	155
	Samenvatting (Summary in Dutch)	169
	Dankwoord (Acknowledgements)	175