

University of Groningen

Students with (suspicion of) IG+ASD

Veltmeijer, Agnes Elisabeth Johanna

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2016

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Veltmeijer, A. E. J. (2016). *Students with (suspicion of) IG+ASD: A study aimed at understanding the phenomenon of Intellectual Giftedness in co-occurrence with Autism Spectrum Disorder in relation to (needs-based) assessment*. [Thesis fully internal (DIV), University of Groningen]. Rijksuniversiteit Groningen.

Copyright

Other than for strictly personal use, 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), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Students with (suspicion of) IG+ASD

A study aimed at understanding the phenomenon of Intellectual Giftedness in
co-occurrence with Autism Spectrum Disorder
in relation to (needs-based) assessment

Agnes E.J. Burger-Veltmeijer

Cover photo: Michiel & Agnes Burger
Cover and thesis layout: Gildeprint, Enschede
Printing: Gildeprint, Enschede
ISBN 978-94-6233-218-8
ISBN electronic version 978-94-6233-224-9

Copyright © Agnes Burger-Veltmeijer, Eindhoven 2016
No part of this book may be reproduced or transmitted in any form or by any means,
without prior permission in writing by the author and the publishers of the published
articles.

Students with (suspicion of) IG+ASD

A study aimed at understanding the phenomenon of Intellectual Giftedness in
co-occurrence with Autism Spectrum Disorder
in relation to (needs-based) assessment

Proefschrift

ter verkrijging van de graad van doctor aan de
Rijksuniversiteit Groningen
op gezag van de
rector magnificus prof. dr. E. Sterken
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op

donderdag 17 maart 2016 om 16.15 uur

door

Agnes Elisabeth Johanna Veltmeijer

geboren op 3 mei 1956
te Hilversum

Promotor

Prof. Dr. A.E.M.G. Minnaert

Copromotor

Dr. E.J. van den Bosch†

Beoordelingscommissie

Prof. Dr. H.W.E. Grietens

Prof. Dr. G. Lindsay

Prof. Dr. R.J. van der Gaag

'I am going to prove that I'm not stupid. Next month I'm going to take my A level in Maths and I'm going to get an A grade. No one has ever taken an A level at our school before and the headmistress, Mrs Gascoyne, didn't want me to take it at first. She said they didn't have the facilities to let us sit A levels. But Father had an argument with Mrs Gascoyne and he got really cross. Mrs Gascoyne said they didn't want to treat me differently from everyone else in the school because then everyone would want to be treated differently and it would set a precedent. And I could always do my A levels later, at 18.'

.....

'And after I've taken A level Maths I am going to take A level Further Maths and Physics and then I can go to university.'

.....

'Then, when I've got a degree in Maths, or Physics, or Maths and Physics, I will be able to get a job and earn lots of money and I will be able to pay someone who can look after me and cook my meals and wash my clothes, or I will get a lady to marry me and be my wife and she can look after me so I can have company and not be on my own.'

In: Haddon, M. (2004). *The curious incident of the dog in the night-time* (pp 56-58).

In memoriam:

Els van den Bosch, mijn copromotor

Marc van der Heyden, mijn vriend en inspirator

Els Groenewold, mijn vriendin en eerste collega

Eep, mijn vader

Voor Michiel, Maud, Berend en Tiny

Paranimfen

Maud S. Burger, MSc

Berend B. Burger, BSc

Contents

Chapter 1: Introduction	9
Chapter 2: The co-occurrence of intellectual giftedness and autism spectrum disorders: A systematic literature review	15
Chapter 3: Needs-based assessment of students with (suspicion of) intellectual giftedness and/or an autism spectrum disorder: Design of a heuristic	51
Chapter 4: Assessments of intellectually gifted students with(out) characteristic(s) of ASD: An explorative evaluation among diagnosticians in various psycho-educational organisations	73
Chapter 5: Intellectually gifted students with possible characteristics of ASD: A multiple case study of psycho-educational assessment practices	89
Chapter 6: Conclusion and discussion	111
References	121
Summary	131
Samenvatting	137
Appendices	143
Dankwoord	161
Curriculum Vitae	165

