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## Co-constructing models as tools in vocational practice

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## Co-constructing Models as Tools in Vocational Practice

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VRIJE UNIVERSITEIT

Co-constructing models as tools in vocational practice

Learning in a knowledge rich environment

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. L.M. Bouter,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de faculteit der Psychologie en Pedagogiek  
op donderdag 2 december 2010 om 15.45 uur  
in de aula van de universiteit,  
De Boelelaan 1105

door

Martijn van Schaik

geboren te Bodegraven

promotoren: prof.dr. J. Terwel  
prof.dr. B. van Oers

“Sir, today I used Pythagoras' theorem three times.”  
(a student, not a part of the sample, to the teacher)

#### A silent revolution in VMBO

*Less traditional subject and brand new classrooms: preparatory senior secondary vocational education – celebrating its 10 year anniversary – has changed dramatically. “Teachers in VMBO primarily think: what do our students need?”*

(Trouw 10-10-2009; Van der Waals 2009)

“Let your mind work!”  
(teacher to student)

“See, you don't even can recall it anymore.”  
(Sander to Ryan)

“It doesn't matter, we'll see to what it leads us.”  
(student to student)



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