

Information problem solving instruction: An overview of 21st century research

Citation for published version (APA):

Wopereis, I., Frerejean, J., Testers, L., Van Strien, J., Walhout, J., & Brand-Gruwel, S. (2015). *Information problem solving instruction: An overview of 21st century research*. Paper presented at 44th Annual International Conference of the International Association of School Librarianship, Maastricht, Netherlands.
<https://www.semanticscholar.org/paper/Information-problem-solving-instruction%3A-An-of-21st-Wopereis-Frerejean/45fed066858992b8b91750a35803f1feee87c510>

Document status and date:

Published: 10/12/2015

Document Version:

Peer reviewed version

Document license:

CC BY-NC-ND

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

<https://www.ou.nl/taverne-agreement>

Take down policy

If you believe that this document breaches copyright please contact us at:

pure-support@ou.nl

providing details and we will investigate your claim.

Downloaded from <https://research.ou.nl/> on date: 16 Feb. 2025

Open Universiteit
www.ou.nl



Information problem solving instruction
An overview of 21st century research

Iwan Wopereis

Expertisecentrum onderwijs en professionalisering

Open Universiteit
www.ou.nl



Overview

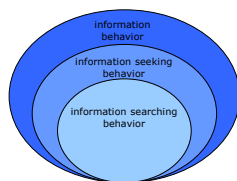
- Introduction
- Method
- Results
- Discussion

Overview

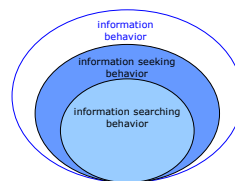
- Introduction
- Method
- Results
- Discussion

Introduction PREVIOUS RESEARCH

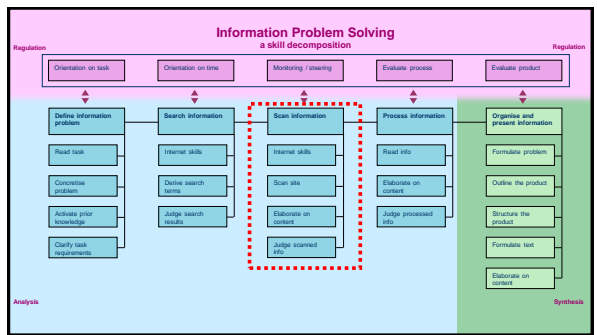
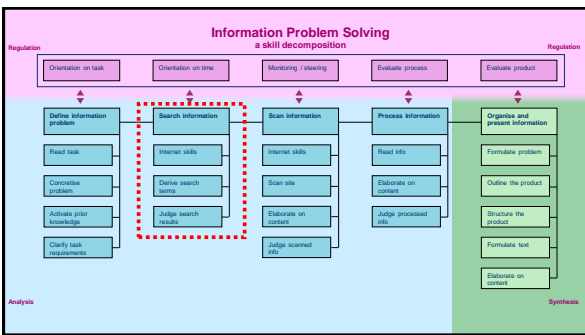
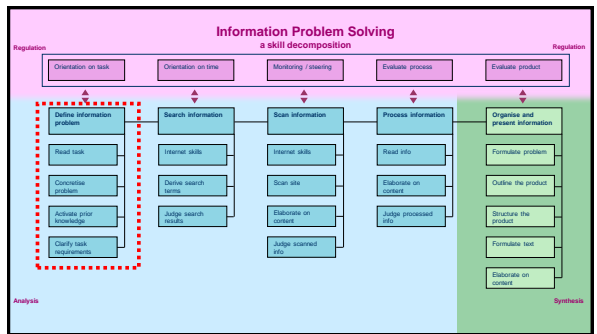
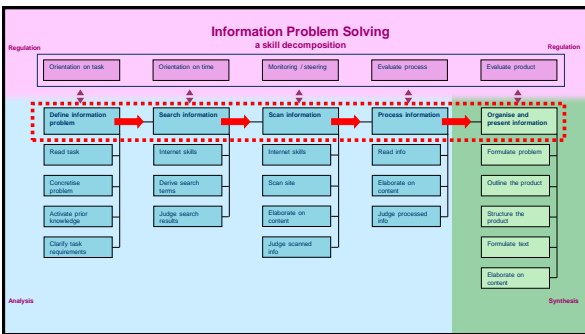
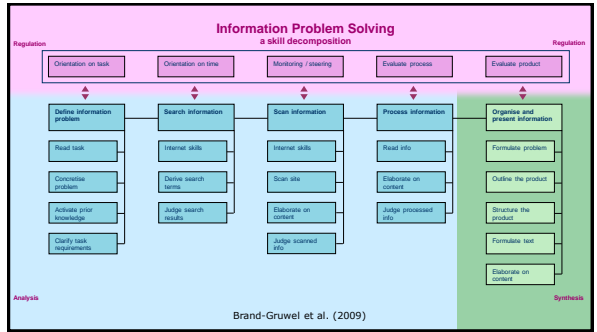
- Virkus (2003)
- Walraven et al. (2008) [secondary ed.]
- Kuiper et al. (2005) [K-12]

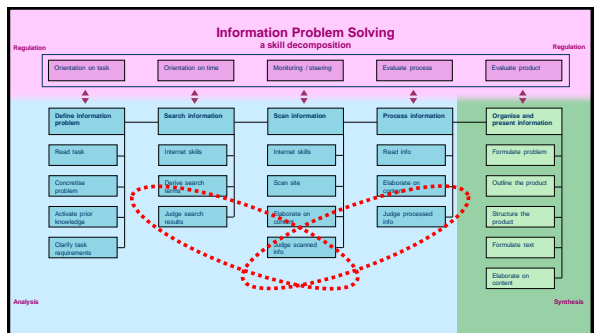
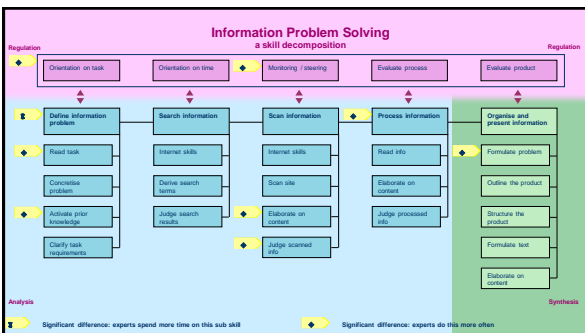
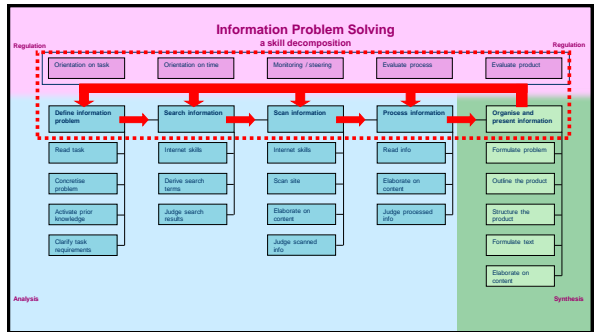
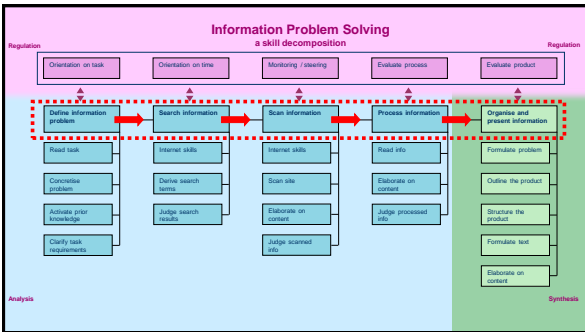
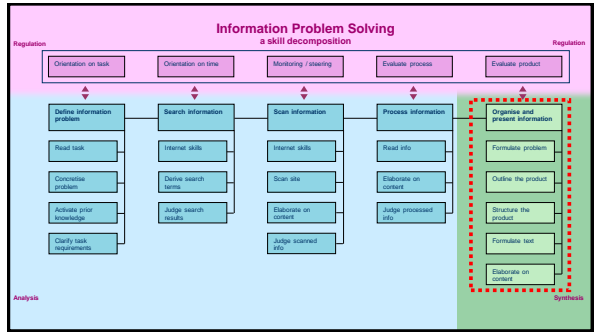
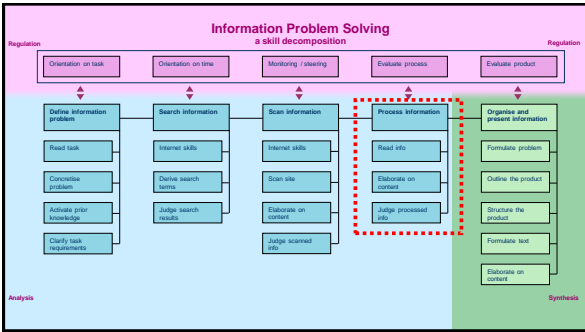


Wilson (1999)



Wilson (1999)





Overview

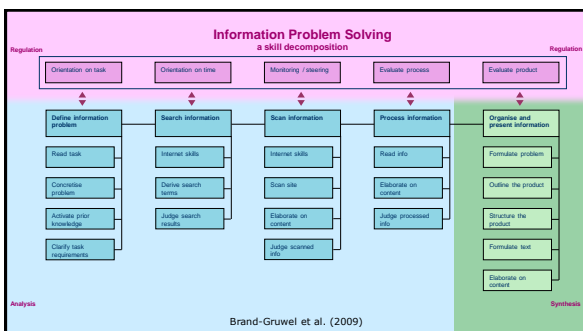
- Introduction
- **Method**
- Results
- Discussion

Method

- **Systematic review**
 - RQ1: What comprises IPS-instruction in HE?
 - RQ2: Is IPS-instruction in HE effective?
- **Data collection**
 - WoS; EBSCO (LISTA; PsycINFO; ERIC)
- **Data analysis**

Overview

- Introduction
- Method
- **Results**
- Discussion



Results RQ1: THEMES

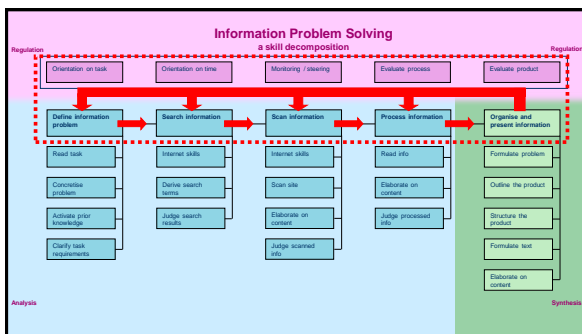
- Embeddedness
- Whole task approach
- Scaffolding
- Metacognition
- Evaluation of information

Results RQ2: EFFECTIVENESS

- Scores on tests
- Perceived quality

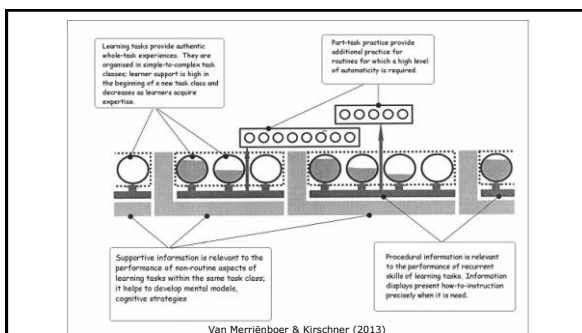
Overview

- Introduction
- Method
- Results
- Discussion



Discussion FUTURE RESEARCH

- Research focus should be on efficiency and effectiveness of integrated 'whole task' IPS-skill learning
- Prerequisite: good instructional design



Questions

iwan.wopereis@ou.nl