



Education Inspectorate
Ministry of Education, Culture and Science

Inspection and Research *Netherlands*

Cooperation with the academic world

SICI General Assembly
Dublin, 17-18 Nov. 2022

Netherlands Inspectorate of Education
Research Department
dr. Klaas Bos,
Program manager National
assessment studies secondary
education



Overview

1. Own research department: increasing evidence-informed inspection of schools and the educational system
2. Cooperation: inspectorate and the national academic world
3. Example: National assessment program Trends in students' fundamental skills
4. Cooperation: Added value



Research department Dutch inspectorate: increasing evidence-informed inspection

I. Inspectorate's own research and evaluation programs

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II. Partnerships with universities/educational sciences (`academic work places`)

Main topic per partnership

- a. Citizenship / Civics and inspection
- b. Assessment Teaching quality
- c. Educational system: enhancing equal students' opportunities from different backgrounds, national interventions to improve student achievement



National Assessment Program – trends in students' fundamental skills 2015-2029, grade 6 and 8

- Periodical monitoring achievement in fundamental skills and effective factors at school and classroom level
- in grade 8, one study in each school year
 - math (4-year trend)
 - reading (5-year trend)
 - writing (8-year trend)
 - digital literacy (8-year trend); civics (5-year trend)
- In depth-case studies in selected survey schools
 - school visits by inspectors in cooperation with the consortium



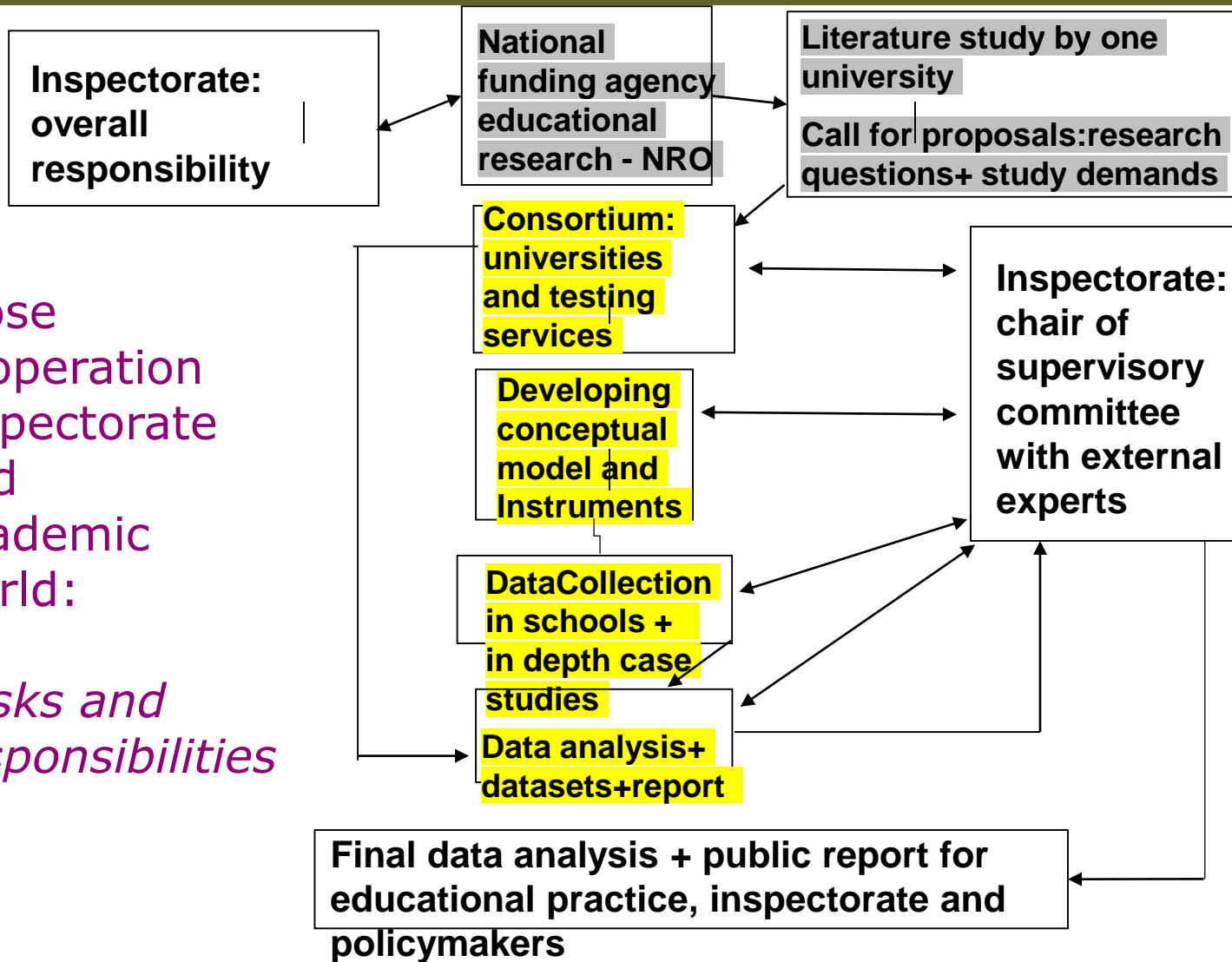
Trends in students' fundamental skills General study design

Secondary education, grade 8

- National representative school sample, 175 schools and 3000 students
 - Student achievement tests and complex incomplete testing design
 - information about the educational process:
 - e.g. questionnaires for teachers, students and school principals and lesson observations
- Conducted by a consortium of universities and testing services
- In-depth case studies to interpret the survey results



Close cooperation inspectorate and academic world:
Tasks and responsibilities





Responsibilities in national assessment program

NRO - funding agency:

- ❑ funding and tender procedures

Consortium (universities and testing services):

- ❑ Submitting a proposal per topic and running the study
→ datasets and technical report for inspectorate

Inspectorate

- ❑ supervisor of consortium's work, chairing supervisory committee:
Inspector/curriculum expert/ researchers inspection + a psychometrician and educational experts
- ❑ Data analysis, writing + dissemination final reports



Using the assessment study results

Inspectorate

- ❑ System level info in school inspections and annual report *State of Education* for the national parliament

Consortium

- ❑ Publications in journals for educational practice and educational science (might be together with inspectorate's researchers)

School(boards)

- ❑ Development school programs to improve fundamental skills for teaching and learning (students) / tool with useful hints

Policymakers

- ❑ Monitoring educational progress student achievement; preparing interventions



Inspectorate and academic world: Added value

- ❑ Involving specific academic expertise: psychometrics, large-scale school surveys, curriculum
- ❑ Separate: external supervision of schools (inspectorate) and national assessments (consortium) → more sampled schools will participate
- ❑ Win-win. Inspectors participate in the in-depth part of the study and their expertise on the specific domain increases



Inspectie van het Onderwijs
Ministerie van Onderwijs, Cultuur en
Wetenschap

Reflectiewijzer Schrijfonderwijs

Het schrijven van teksten in het
(speciaal) basisonderwijs





Many countries, many differences: learning from each other

Contact for national trend studies grade 8 and cooperation with universities

Netherlands Inspectorate of Education

Research Department

dr. Klaas Bos

k.bos@owinsp.nl

