

Subtitled video shots from experimental mathematics teaching in primary and secondary schools in Denmark

Below, please find links to analytically structured subtitled video shots from projects where I worked systematically with video recordings. Each of the video shots of course come with a signed agreement from each of the participants, and they are as such only available for use by formally established research- and educational activities. Access to the recordings requires a password, which can be obtained by emailing me with a short description of the legitimate interest in the matter. Sharing the password with colleagues is ok, but it is of course not to be made public more broadly.

Focus	Project	Allerød Grade 10-12 2000-2002	SOS Grade 9 2005-2006	LEKS Grade 9 2007	DQME-II Grade 12 2008	MMM-I Grade 8 2010-2011	MMM-I Grade 9 2011-2012	MMM-I Oral exams 2012	Nat. exams Grade 9 2013	MMM-II Grade 1-5 2016-2021	MMM-II Grade 6-9 2021-2025
Modelling comp. in general				RG-080328-B		MMM100906-E MMM100906-F MMM100906-G	MMM111024-A MMM111024-B MMM111024-C MMM111024-D MMM111128-F MMM111201-A MMM100906-E				
Modelling comp. – motivation	AG010425-A			LEKS071026-F RG-080414-A		MMM100906-I MMM100909-A MMM101209-A	MMM120109-B MMM120109-D MMM120112-A				
Modelling comp. – systematization	AG010521-A			LEKS071026-D LEKS071026-E LEKS071026-G RG-080414-B RG-080414-C		MMM100830-A MMM100902-A MMM100909-B MMM100927-A MMM100927-C MMM100930-C MMM100930-D MMM101209-A MMM101209-C	MMM111128-A MMM111128-B MMM111128-D MMM111128-E MMM111201-C MMM111201-D MMM111205-A	MPF5-B MPF5-C			
Modelling comp. – mathematization	AG010521-A			LEKS071026-D LEKS071026-G RG-080414-D		MMM100830-B MMM100902-B MMM100927-B MMM100930-A MMM100930-B MMM101209-C	MMM111128-A MMM111128-B MMM111128-E MMM111201-C MMM111205-B MMM111205-C MMM111205-D	MMM120625-6I MMM120625-6J	MPF5-D		
Modelling comp. – data handling						MMM100930-C MMM100930-D MMM100930-E					
Modelling comp. – math. analysis						MMM100906-C MMM100930-E			MPF5-D		
Modelling comp. – interpretation				RG-080403-A		MMM100906-D MMM100906-H MMM101209-B	MMM111205-C MMM111205-D MMM111205-F MMM120510-B MMM120521-B	MMM120625-6B	MPF5-D MPF5-F		
Modelling comp. – validation				RG-080401-A			MMM111128-B MMM111128-E MMM111205-E MMM111205-G MMM120510-A	MMM120625-6D MMM120625-6E MMM120625-6G			

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Problem solving comp. – mathematization		AG-020315-A		LEKS071023-B		MMM100913-A MMM100913-B	MMM111031-F MMM111031-H MMM111031-I				
Problem solving comp. – internal		AG-020315-A					MMM111031-B MMM111031-C MMM111031-D MMM111031-G				
Reasoning comp. in general						MMM110516-D MMM110516-F MMM110519-D MMM110519-E MMM110523-A MMM110530-A MMM110530-C MMM110620-A MMM110620-B	MMM120524-A	MMM120625-5B MMM120625-5C MMM120625-5F MMM120625-5I			
Reasoning comp. – focus on premises				LEKS071023-B		MMM110516-B MMM110516-C MMM110516-E MMM110519-B MMM110530-B MMM110530-D MMM110530-E					
Reasoning comp. – focus on arguments						MMM110516-B MMM110516-C MMM110519-C MMM110606-A		MMM120625-5I			
Reasoning comp. – focus on conclusions						MMM110516-E		MMM120625-5F			
Symbol handling comp. in general							MMM111124-A				
Symbol handling comp. – decoding			TS050905-B			MMM100906-B	MMM111121-A MMM111121-B MMM111124-C MMM120521-A MMM120521-B	MMM120625-6E MMM120625-6I			
Symbol handling comp. – translating			TS050923-A				MMM111031-F MMM111103-A MMM111103-B MMM111121-A MMM111124-B MMM111124-C MMM111128-A MMM111128-B		MPF1-B		
Symbol handling comp. – treat and utilise							MMM111121-A MMM111121-B MMM120521-B	MMM120625-6I			
Math. thinking comp. – systematization							MMM111024-A MMM111024-B MMM111024-C MMM111027-A MMM111027-B MMM120112-A				
Representation comp. – mathematization											
Communication comp. – data handling		AG-020315-A					MMM111027-C				
Aids and tools comp. – math. analysis											

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Process handling – teacher initiated						MMM110523-C MMM110523-D MMM110526-A MMM110526-B MMM110530-B MMM110530-E	MMM111024-A MMM111024-D MMM111027-B MMM111027-D MMM111031-A MMM111128-F	MMM120625-5A MMM120625-6A MMM120625-6G	MPF1-A MPF5-A		
Process handling – student initiated						MMM100909-C MMM100930-C	MMM111128-C MMM111205-A				
Comp. descriptions – teacher initiated				RG-080328-A		MMM100830-C MMM100906-D MMM100906-E MMM100906-F MMM100906-G MMM100909-B MMM100930-A MMM100930-B MMM101209-A MMM110516-A MMM110516-D MMM110516-F MMM110519-A MMM110519-E MMM110523-A MMM110523-C MMM110526-A MMM110530-A MMM110530-C MMM110620-A	MMM111027-A MMM111027-B MMM111031-D MMM111031-G MMM111124-A MMM111128-A MMM111128-F MMM111201-A MMM120510-A MMM120524-A	MMM120625-6D MMM120625-6J	MPF5-B MPF5-C		
Comp. descriptions – student initiated				RG-080403-B			MMM111031-E				
Emotions and impres. – student guidance				RG-080414-B		MMM100930-C MMM101209-B MMM110523-B MMM110523-D	MMM111027-C MMM111201-B MMM111201-C MMM120109-B MMM120109-D MMM120112-A				
Emotions and impres. – problem solving				LEKS071023-B RG-080414-D		MMM100830-A MMM100906-A MMM100906-D MMM100913-A	MMM111031-C MMM111031-F MMM111031-H MMM111205-C MMM111205-D MMM120521-A				
Metacogn. og control							MMM111031-G				
Heuristics	AG-020315-A			LEKS071023-B		MMM100913-A MMM100913-B	MMM111031-C MMM111031-G MMM111031-I				