

Figure 1

<b>_SH3.FI.5</b>	04:40 (1.40)	06:20 (2,32)	08:52 (1.11)	10:03 (0.50)	10:53 (5.22)
<b>Context (mathematical / physical)</b>	Word problem: stamp	Word problem: adding another constraint to the same word problem.	Shifting	Mathematical context	
<b>Subject matter</b>	One equation: $2x+y=10$	One equation: $x+y=7$	Definition of "system of equations"; format of writing	Definition of "system of linear equations in two unknowns"	Variation: index and no. of unknowns.
<b>Representation</b>	–	–	–	–	–
<b>Procedures of introducing subject matter</b>	–	–	The teacher explained the definition by referring to the word problem example.	The teacher asked students to observe the critical aspects (index & no. of unknown) of the two equations in the word problem to qualify the definition of "system of linear equations in two unknowns"	Applying the definition: the teacher asked students to identify whether the given equations in two unknown and gave reasons for their answers.
<b>Activities (arrangement)</b>	~ WCD		~ TT	~ WCD	
<b>Activities (purpose)</b>	Review (1)	Follow (1) an example	~ Introduction (1), (2)		~ Development (1)