

Table 1. Standardized Cronbach's alpha

Group oriented	0.788
Friends	0.927
teachers	0.872
Help-seeking	0.495
Social class	0.664
Motivation (Math)	0.901
Motivation (SCI)	0.904
Meta-cognitive (Math)	0.827
Meta-cognitive (SCI)	0.812
MOLS (Math)	0.510
MOLS (SCI)	0.559
EOLS (Math)	0.793
EOLS (SCI)	0.759
OOLS (Math)	0.682
OOLS (SCI)	0.735

The questionnaire consisted of study-subject

- independent scales (5) and subject-dependent scales

(Math & Science)(5)

※ MOLS: Memory-Oriented Learning Strategy

EOLS: Elaboration- Oriented Learning Strategy

OOLS: Organization-Oriented Learning Strategy