

PISA-D in-school survey design (paper based test)

The cognitive domains assessed in the in-school PISA-D test are Reading, Mathematics and Science. No subscales will be reported. The aim is to increase the percentage of items at performance level 2 and below to approximately 65%.

PISA D paper based test, FT

- Strand A links to PISA 2015 by 60% common items with 2015 PISA
- Initially common item parameters will be assumed and fit will be evaluated
- 60 items per domain
- 4-30 minute clusters per domain
- Total of 5-10 units (15 items) per cluster
- 2 domains (2 clusters each) per student
- 35 students/school, 150 schools, 5250 students/country

Booklets	Cluster	Cluster	Cluster	Cluster
	1	2	3	4
1	R1	R2	S1	S2
2	S2	S3	R2	R3
3	R3	R4	S3	S4
4	S4	S1	R4	R1
5	S1	S2	M1	M2
6	M2	M3	S2	S3
7	S3	S4	M3	M4
8	M4	M1	S4	S1
9	M1	M2	R1	R2
10	R2	R3	M2	M3
11	M3	M4	R3	R4
12	R4	R1	M4	M1

Item Distribution and Totals from Existing Item Pools, FT

	Reading	Mathematics	Science	Average per domain per student
PISA 2015 Trend	54	45	48	18
Other Item Pools	25	32	28	12-14
Total	79	77	76	30-32

Draft main survey design

- Approximately 60 items per domain
- 4 30 minute clusters per domain
- Total of 5-10 units (15 items) per cluster
- 2 domains (2 clusters each) per student
- 35 students/school, 150 schools, 5250 students/country

Booklets	Cluster 1	Cluster 2	Cluster 3	Cluster 4
1	R1	R2	S1	S2
2	S2	S3	R2	R3
3	R3	R4	S3	S4
4	S4	S1	R4	R1
5	S1	S2	M1	M2
6	M2	M3	S2	S3
7	S3	S4	M3	M4
8	M4	M1	S4	S1
9	M1	M2	R1	R2
10	R2	R3	M2	M3
11	M3	M4	R3	R4
12	R4	R1	M4	M1