Erasmus+ project "The Children of Sheherazade"

Quantitative Tests - LSL - Germany and Belgium

The LSL always has a maximum value of 15.

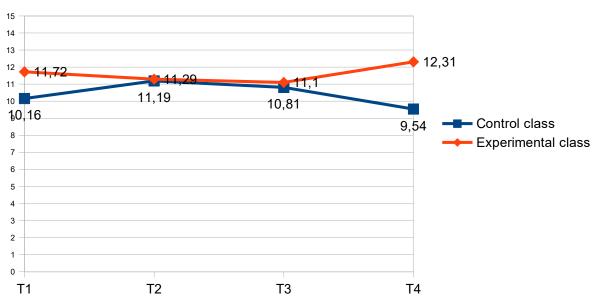
15 is the highest positive value that can be achieved.

The higher the value in the graphs, the better.

The following table provides an overview for later understanding:

Subscale	Maximum value (positive)
Self-perception	15
Cooperation	15
Self control	15
Empathy	15
Appropriate self-assertion	15
Social contact	15

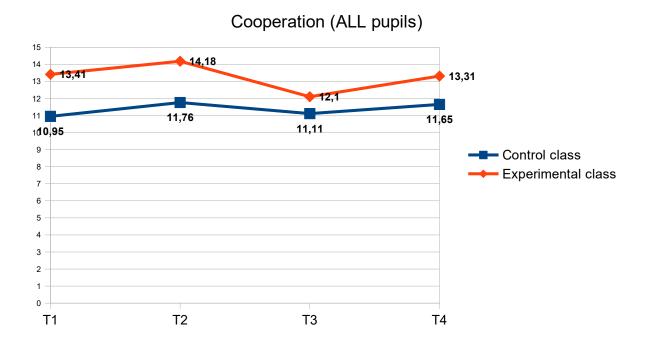
Introspection (ALL pupils)



The LSL with the self-esteem category increases strongly in the experimental groups and deteriorates in the control groups. According to the graphs, the experimental groups improved significantly. If the effect size is taken into account, the following calculation results:

Control group: d= 0.17 = small effect (negative)

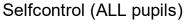
Experimental group: d= - 0.18 = small effect (positive)

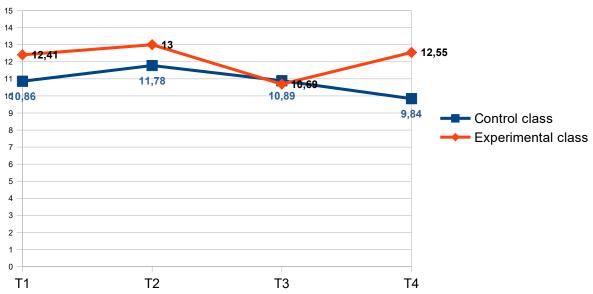


The graph shows that both groups develop relatively linearly over the four test periods, which can also be seen from the calculated effect sizes.

Control group: d= 0.21 = small effect (positive)

Experimental group: d= 0.04 = very small effect (negative)

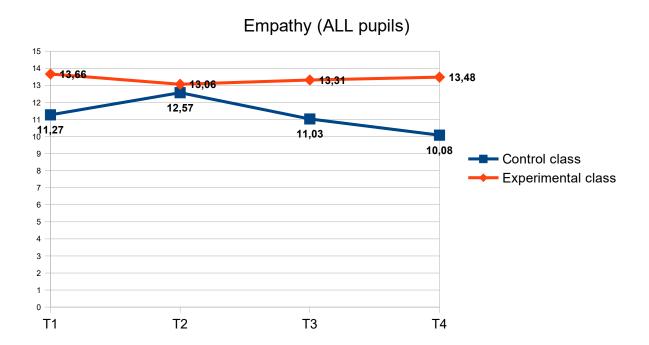




Even if the experimental groups deteriorate in T3, the development from T1 to T4 is constant. The control groups, on the other hand, deteriorate with a small to medium effect.

Control group: d= 0.28 = small to medium effect (negative)

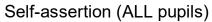
Experimental group: d= 0.04 = very small effect (negative)

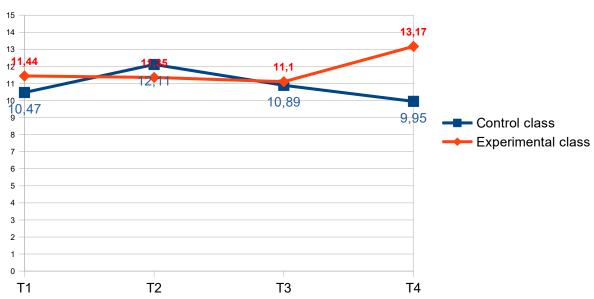


The consistency and high positive rating of the teachers in the experimental groups is striking. While the control groups initially improve (T1 to T2), empathy decreases continuously (negative).

Control group: d= 0.35 = small to medium effect (negative)

Experimental group: d= 0.08 = very small effect (negative)

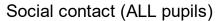


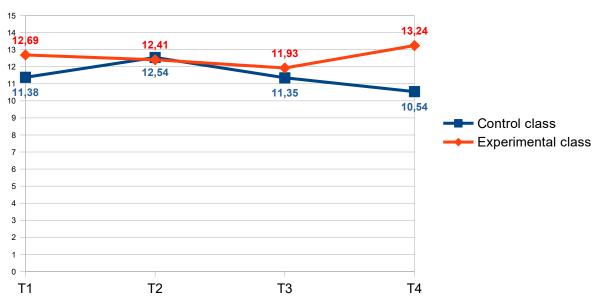


In the "self-assertion" category, the experimental groups improve strongly (moderate to large effect), while the control groups deteriorate.

Control group: d= 0.14 = small effect (negative)

Experimental group: d= 0.72 = large effect (positive)





The area of social contact behaves similarly (as in the area of self-assertion). While the control groups deteriorate, the experimental groups improve positively.

Control group: d= 0.25 = small to medium effect (negative)

Experimental group: d= 0.19 = small effect (positive)