Contents

2. The Alternative-course System and its Status in Swedish Schools 2 Compulsory Education in Sweden 2 The Character of the Alternative-course System 2	11 21 21 28 30
Compulsory Education in Sweden	21 28
Choice as a function of socio-economic background and sex 49 The qualifying value of the marks 55 Expectancy effects 56	
The Background of the Engsam Experiment	63 64 68 75
What did the Teamwork Involve? 8	80 80 82
Pupil Participation and Independent Work	88
-	93

The Teachers' Premisses
Differences between the Systems
Two Kinds of Effects
The effects of the team-work on the pupils 110 Effects of the forms of differentiation 113
Effects of the forms of differentiation 113
Cognitive Development
Cognary Development
Method of working and size of group 114
Group changes and learning climate 116
The "costs" of experimental work and training 118
Social Development and Character Training
The pupils' ability to work in groups 119
Ability to follow instruction and to plan and carry out
tasks independently 121
The ability to assess oneself and one's own study situation 122
Attitudes to differences in achievement 125
6. The Instruction Groups and their Compositions in Grades 7 and 8 . 133
Problems
Instruments and Data
Information about the instruction 134
Information about the histraction 134 Information about the pupils 135
Types of Grouping Arrangements
The Composition of Groups in the Free Groupings
Some technical problems of reporting 140
Selection points and group sizes in the method groups 144
Other grouping arrangements based on pupil choice 148
The Method Grouping as an Instrument for Differentiation 149
A two-dimensional differentiating model 149
Differentiation and homogeneity in the method grouping 152
The variations within the rapid and slow method groups 159
Desirable versus Actual Distribution into Method Groups 160
The teachers' opinion as a criterion of an ideal distribution 161
The characteristics of pupils who belonged to one or more categories 163
The significance of sex and social class 167
Differences between social groups 168
Sex as a governing factor 172
4 m 1
Summary 174
7. The Effects of the Growth of Achievement in Grades 7 and 8 180
Changes in Achievement within the Engsam Group
Method of determining relative change 181
Method-group affiliation and relative change 182

Relative change, motivation and compensatory measures 186 The effects of the supplementary course 191 Comparison with the Alternative-course System The conditions for comparing the systems 192 Criteria for choice of control group 195 Characteristics of the groups compared at the start of the	192
experiment 197 The growth of achievement according to the results of the standard test in grade 8 200 Summary	202
8. At the End of the Senior Level	204
Changes in the Composition of the Pupil Group	206
The Free Groupings in Grade 9	207
Effects on the Growth of Achievement	223
Comparisons with the Alternative-course System	228
Summary	233
9. Preconditions and Consequences of Teamwork	236
For and against Teamwork	240
10. Epilogue	249
Starting-points for the Investigation	249
The Generalizability of the Results	256
Our Involvement in the Engsam Experiment	262
Developing and Changing	266
Bibliography	269
Appendix	274