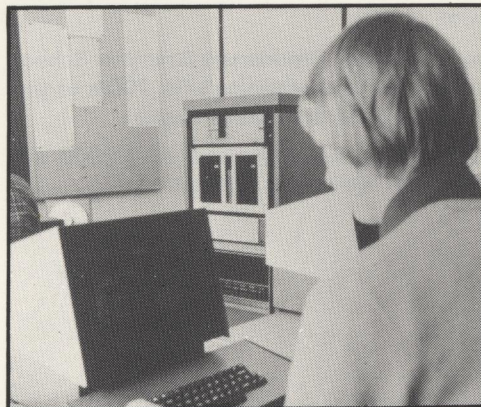
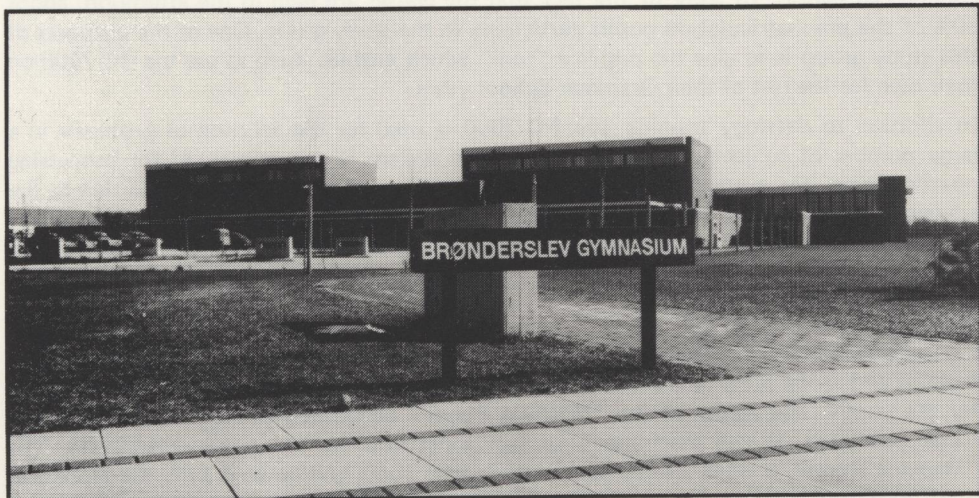




RC 7000 Brønderslev Grammar School



SUBJECT
Education

USER
Brønderslev Grammar School

APPLICATION
Datalogy

PROBLEM

Brønderslev Grammar School is a modern and well equipped Grammar School with 520 pupils shared between the academic and commercial lines.

After the inauguration of the school in 1973 it was decided that a minicomputer system should be acquired. The computer system should satisfactorily solve all the various projects involved in the school today. These projects are primarily datalogy, the use of the system as an aid and minor administrative projects.

At the same time the system should be flexible in its construction in order that it may develop in step with the projects without costly replacement of units already purchased.

Brønderslev Grammar School examined the market and chose Regnecentralen's RC 7000 as the best system.



REQUIREMENTS

As the subject datalogy has no fixed position in the timetable of the Grammar Schools it was important that the system was easily accessible and that the pupils could quickly and easily learn to operate it. The associated basic software should be easy to learn but at the same time sufficiently advanced to contain challenges in the solution of problems.

SOLUTION

In 1975, Brønderslev Grammar School had the RC 7000 installed. The system has since been expanded to consist today of a central processor of 32 K words, 5 display units, one Teletype typewriter terminal, floppy disc and line printer. One of the terminals is mobile and may be brought into any classroom to which cables have been run.

"The Machine Room" is freely accessible to the pupils from 7.45 a.m. to 4.45 p.m., and many of them use their break and free hours for working at the machine.

At Brønderslev Grammar School the subject datalogy is run as a study group after normal school hours. The subject is offered to pre-matriculation pupils and to pupils from commercial classes. In spite of the fact that the classes are held in the afternoon, about 60% of the pre-matriculation pupils participate in the study group. One of the purposes of this study group is to give the pupils a "tool" which enables them to use the RC 7000 on their own for the rest of their Grammar School years.

In addition to datalogy training, the RC 7000 is used for the solution of problems in a large number of subjects. In social subjects the system is primarily used for processing questionnaires, for example in connection with a parliamentary election. In addition to the educational application, the RC 7000 solves a number of administrative problems such as control of the book storage, canteen and registration of absence.

RESULT

Accordingly a system has been obtained which is sufficiently flexible to be used for datalogy training and at the same time for simple administrative tasks of which several are controlled by the pupils. The leader of the "Machine Room", Schoolmaster Flemming Sloth, says: "The operation of the machines is in fact supervised by the pupils themselves. The "Machine Room" is open all day so that they may come and go as it suits the individual pupil best, and this has not given rise to any form of problem. At the same time, several senior pupils act as instructors — to the satisfaction of all".

As a result of the good experience gained from RC 7000 at Brønderslev Grammar School, the North Jutland County has invested in four more of Regnecentralen's RC 7000s so that all County Grammar Schools in North Jutland are now using this minicomputer.

On a national basis, more than 30 Grammar Schools use Regnecentralen's RC 7000, and today this is the most sold minicomputer on the Danish educational market.