## Calculator changes

Approach: Station
Resources: Macintosh Powerbook 5300cs laptop computer with specially written Hypercard ${ }^{\circledR}$ programme. Cue card for using the programme. Prompt card containing initial instructions.


The students were guided through a demonstration problem step by step and introduced to the help buttons, before beginning the questions.

|  |  | $\begin{array}{c}\text { minimum } \\ \text { keystrokes }\end{array}$ |  |  |  | not |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| attempted |  |  |  |  |  |  |  |$]$

## Commentary

Year 8 students were much more successful than year 4 students, with 75 percent of year 8 students completing 6 or more items successfully, compared to only 24 percent of year 4 students. Many students tended to use addition or subtraction for items which could be solved most efficiently using multiplication or division. A surprisingly high percentage of year 4 students reached the decimal items, on which they were not expected to be able to succeed.

