User Interview Questions

User = Lawrence Procter, A-Level Core Maths Student

1. What is the current procedure to getting a calculator for A-level maths?

Purchase from retail, such as Amazon or in store. School recommends model needed.

1. What are the problems with this procedure?

Waiting time (delivery, go to shop). Might not buy correct one. Costs students a fair amount of money.

1. What solutions would make this procedure easier for you?

Instant, school gives in first lesson. Cheaper for students to buy the calculators. More clarification about which calculator to buy, as it is a big risk.

1. What are the problems with implementing these solutions?

Uses limited school funding. Difficult to find calculators at lower prices.

1. What will the new virtual system achieve?

Affordable and available at an instant. Easy to use, friendly user interface. Easy to switch to.

1. What would be your preferred type of input to the virtual calculator?

Depends, mixture of buttons on screen (sin, cos, etc.) and typing for numbers.

1. How would you like your calculations outputted?

On a screen with clear colours and easy to read font.

1. What calculations do you use your scientific calculator for?

Chemistry and biology equations, tables.

1. How are errors and exceptions handled on your current calculator?

Error message is displayed saying “math error” or “syntax error” for example, depending on the error.

1. What do you wish your current calculator could do?

Draw graphs. Have readily used equations, and easier to read and understand buttons.