

# Ergonomics Review

Thursday, 13 May 2010  
8:07 AM

## K1-Desktop computer

### K2-Our laptop

### K3-Mr. Woos laptop

Keys are spaced out to ensure easy pressing

Inclined so fits natural angle of wrist

Numerical pad is easily available

Arrow and function keys separated from letters and numbers

Keys are smaller to save space

No tracking point and associated keys

The ctrl button is an awkward place

Right shift button is in a weird place

Subscripts allow for use of numerical pad

Shallow keys

Keyboard is built into computer

RSI

On our laptops

Mini is 15-20cm

Ours is 20-25 cm

Desktop is 45cm

## K1

- Keys are spaced out to allow easier and more accurate typing
- Incline on keyboard supports natural incline of wrist
- Keys are contoured to allow finger fit
- RSI can occur but there's less risk
- Num pad provides ease for typing mass numbers
- 45 cm
- Arrow and function keys are separate to allow accurate typing
- Lights tell when caps lock is on ensuring productivity
- 0.8 x 1cm keys

## K2

- 25cm
- Fn and Ctrl keys are different to normal desktop configuration
- The track point interferes with some of the keys
- Shallow keys for quicker typing
- Keyboard is inbuilt into computer
- The track-point buttons are directly under the space bar and they are confusing
- RSI can occur
- 1x1cm keys
- Function keys allow for shortcut access
- No number pad meaning you have to move your wrists making a health issue

## K3

- Keys are smaller to save space, but have problems as accurate typing is more difficult to achieve
- No tracking point
- 15-20 cm
- Fn and Ctrl are different to normal desktop configuration
- Subscripts to normal keys
- Shift button is shrunk making it harder to use
- RSI can occur
- 1x0.8cm
- Keys are not contoured
- Shallow keys for typing quicker
- Keyboard inbuilt into computer
- Function keys for shortcut access
- Number pad