**ACTIVITY : Selection Statements - WHODUNNIT**

**The suspects :**

Professor Plum

Reverend Green

Miss Scarlet [](http://images.google.co.uk/imgres?imgurl=http://www.teach-nology.com/worksheets/early_childhood/color/detective.gif&imgrefurl=http://www.teach-nology.com/worksheets/early_childhood/color/detective/&h=426&w=409&sz=10&hl=en&start=1&tbnid=ygE7CmSjS5jdMM:&tbnh=126&tbnw=121&prev=/images?q=detective&svnum=10&hl=en&lr=)

Mrs Peacock

Mr Black

Doctor Pink has been found murdered downstairs in the Kitchen, battered by some lead piping, at 20:00 hours. By a process of elimination find out **whodunnit** by looking at the following pseudo code.

IF TimeFound < 21:00 THEN

IF (Location = Downstairs) AND (weapon=knife) THEN

Reverend Green = innocent

END IF

IF (Location = Downstairs) OR (weapon=knife) THEN

Mr Black = innocent

ELSE

Miss Scarlet=Innocent

ENDIF

ELSE

Professor Plum = innocent

END IF

IF NOT (Location=Conservatory) THEN

IF Location=Kitchen THEN

CASE Weapon of

Gun: Mr Black=innocent

Candlestick: Reverend Green = innocent

Lead Piping : Mrs Peacock = innocent

Rope : Professor Plum=innocent

END CASE

END IF

IF (location <> upstairs) AND (TimeFound>12:00) Then

Professor Plum = innocent

IF location=kitchen THEN

Miss Scarlet=innocent

ENDIF

ELSE

Mr Black = innocent

ENDIF

END IF

**The murderer was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**