Chemistry in Your Shopping Basket

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Getting used to the “zappers”

• You can only vote when the green “polling open” box is displayed on the menu bar at the top of the screen.

• Press the appropriate button (or buttons, one at a time) to vote.

• The LED above button “1” should light up green for a second or two.

• You can change your mind whilst voting is open – the system “remembers” the last answer you give!
Are you male or female?

1. Male

2. Female
Which year group are you in?

1. Six
2. Seven
3. Eight
4. Nine
And now for some questions about chemistry
Which of the following is not a metal?

1. Gold
2. Silver
3. Glass
4. Copper

3. Glass
Which of the following have the formula $\text{H}_2\text{O}$?

1. Ice
2. Water
3. Steam

4. Milk
Which of the following products have chemicals in them?

1. Orange juice
2. Makeup
3. Bottled water
4. Over the counter medicines
Which of these products needed a chemist to get them into production?

1. Paint
2. Formula 1 car
3. Fish Fingers
4. XBOX
Which of the following clothing materials had to be made by a chemist?

1. Nylon tights
2. Cotton t-shirt
3. GORE-TEX jacket
4. Silk blouses
What is in my Shopping Basket?

And what has it got to do with CHEMISTRY?
What is a chemist?

• Chemist – a scientist who specialises in chemistry

• Chemistry - the science of matter; the branch of the natural sciences dealing with the composition of substances and their properties and reactions
What links these four items?
Sodium Chloride – NaCl
(Common salt)
What links these four items?
Carbon dioxide - $\text{CO}_2$
What links these four items?
Crude Oil
What links these four items?
Nitrogen – $\text{N}_2$
What links these four items?
Ultra Violet Light – U.V.

The Electromagnetic Spectrum
Who is the chemist?

1. Pharmacist
2. Analyst
3. Brewer
4. Food technologist
Who employs chemists?

1. Boots
2. ASDA
3. M&S
4. Barclays
If you go to University and get a chemistry degree which of these jobs could you go on to do?

1. Journalist
2. Barrister
3. Author
4. TV Producer
Which of the following jobs require you to have chemistry at A level?

1. Doctor
2. Pharmacist
3. Dentist
4. Vet
Do chemists earn good money?
In a lifetime how much extra does a chemist earn?

1. £30 000
2. £40 000
3. £50 000
4. £60 000

What did you think of today?

1. Rubbish
2. O.K.
3. Mint!

0% of 5
Which was your favourite part?

1. Using the “zappers”
2. Making ice cream
3. Dry Ice – “smoke” & balloons
4. Elephant’s toothpaste
5. Banana hammer
What is in my Shopping Basket?

Lots of Chemistry! 😊