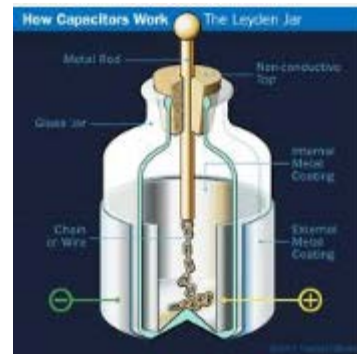


# Science Table Quiz 2014



# Electricity: The Power of Science

1. Electric eel
2. Fleming
3. Piezoelectric
4. Photovoltaic
5. Lead acid battery
6. Either way.
7. Green and yellow
8. “Electron breathing”. They can harvest electrons directly from minerals.
9. Leyden Jar
10. Synapse



# Science in 2014

1. Glucose
2. First female winner. First winner from Iran
3. India
4. Argentina
5. September (and one of the driest on record in Ireland)
6. Rosetta (half mark for “Philae” – name of probe)
7. Asteroid
8. Blue LED's
9. Cancer
10. Tsetse fly



# Mathematics: Killer Sudoku

- A. 9
- B. 4
- C. 6
- D. 2
- E. 1
- F. 9
- G. 8
- H. 7
- I. 3
- J. 4

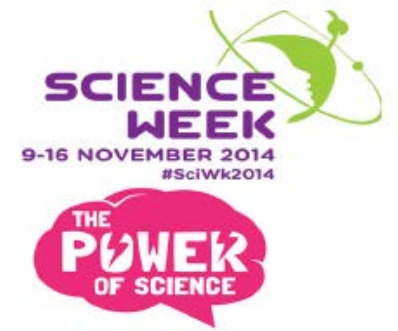
7		5		13		11		21
								9
20	18		6			7	4	
	16		22					8
		23		14	18	8		2
13						1	17	9
7	6					10		10
		14	23			18		3
			16				13	
15		11		4		11		4

# Metals and Ores

1. Aluminium
2. Uranium (also Radium)
3. Lead
4. Mercury
5. Tin
6. Tungsten
7. Copper
8. Titanium
9. Zinc
10. Any of Thorium, Cerium, Yttrium, Lanthanides



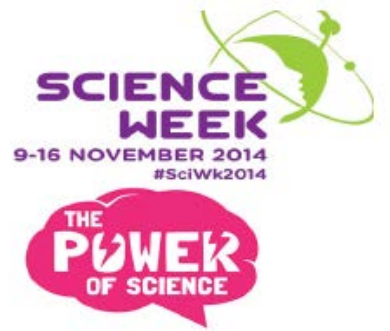
# The Solar System & Space Exploration



1. Alexei Leonov
2. Mercury
3. Sulphur dioxide or sulphuric acid
4. Ganymede
5. 12
6. Cassini Division
7. Water ice (not carbon dioxide)
8. Neptune
9. Uranus
10. John Glenn (1998 aged 77)



# History of Engineering and Materials



1. He discovered (or rediscovered) the formula and method for making porcelain.
2. The Harrier Jump Jet
3. The Dublin & Kingstown Railway (half a mark for Dublin to Dun Laoghaire)
4. Liverpool Rd, Manchester
5. The Washington Monument
6. Iron (formula  $Nd_2Fe_{14}B$ )
7. Semiconductors or Transistors
8. The Hovercraft
9. First manned balloon flight.
10. The Three Gorges Dam, China



# Medicine and Physiology

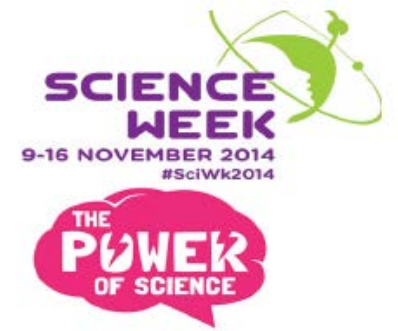
1. Polio
2. Democratic Republic of the Congo
3. The ear
4. The eye
5. Prozac
6. The Maxillae
7. An anaesthetic
8. Scabies
9. (Aloysius) Alzheimer
10. Gout (the dihydro.. thing is aka uric acid)





# Marine or Aquatic Mammals

1. Amazon (or Pink) River Dolphin
2. Sperm Whale
3. Sea Leopard
4. Narwhal
5. Humpback Whale
6. Walrus
7. Pilot Whale
8. Manatee
9. Killer Whale/Orca
10. (Harbour) Porpoise



# Miscellaneous

1. The Big Bang Theory (TV series)
2. Prolate
3. USA (born in what is now Croatia, then in Austrian Empire)
4. J and Q
5. Blue Whale (half a mark for Sperm Whale)
6. White Sands or New Mexico
7.  $e^x$
8. 5
9. Flying fish
10. Citric acid



# Science Fiction

1. Alan Rickman
2. Fahrenheit 451
3. Edgar Rice Burroughs
4. The Winter Soldier
5. Dawn of the Planet of the Apes
6. The 100
7. Gerry Anderson
8. (Giant) Wasps
9. Madame Vastra
10. Klingon

