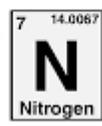
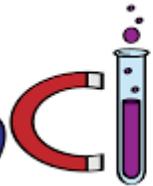
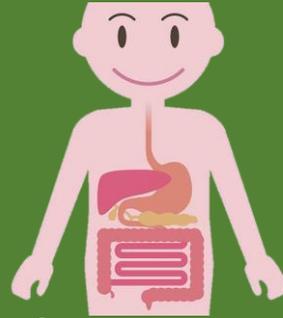


SciencE challenge



Can you find out which organs were used to help you digest your breakfast this morning?  
What do they all do?  
Draw your digestive system?



...a phrase that can be spelt out using the symbols of elements in the Periodic Table?  
(use the table on the next slide)



email your findings to  
[transition@poyntonhigh.org.uk](mailto:transition@poyntonhigh.org.uk)

### Make a Compass

Cut a circle of paper or card and float it in a bowl of water.  
Straighten a paper clip, rub it in one direction with a fridge magnet for 1 minute.

Carefully place the paperclip on the paper and it will point from North to South.

Can you explain what makes it point in that direction?

# The Periodic Table

click on the picture to be taken to an interactive version

H 1																	He 2	
Li 3	Be 4											B 5	C 6	N 7	O 8	F 9	Ne 10	
Na 11	Mg 12											Al 13	Si 14	P 15	S 16	Cl 17	Ar 18	
K 19	Ca 20	Sc 21	Ti 22	V 23	Cr 24	Mn 25	Fe 26	Co 27	Ni 28	Cu 29	Zn 30	Ga 31	Ge 32	As 33	Se 34	Br 35	Kr 36	
Rb 37	Sr 38	Y 39	Zr 40	Nb 41	Mo 42	Tc 43	Ru 44	Rh 45	Pd 46	Ag 47	Cd 48	In 49	Sn 50	Sb 51	Te 52	I 53	Xe 54	
Cs 55	Ba 56	La 57	Hf 72	Ta 73	W 74	Re 75	Os 76	Ir 77	Pt 78	Au 79	Hg 80	Tl 81	Pb 82	Bi 83	Po 84	At 85	Rn 86	
Fr 87	Ra 88	Ac 89	Rf 104	Db 105	Sg 106	Bh 107	Hs 108	Mt 109	Ds 110	Rg 111	Cn 112	Nh 113	Fl 114	Mc 115	Lv 116	Ts 117	Og 118	
			Ce 58	Pr 59	Nd 60	Pm 61	Sm 62	Eu 63	Gd 64	Tb 65	Dy 66	Ho 67	Er 68	Tm 69	Yb 70	Lu 71		
			Th 90	Pa 91	U 92	Np 93	Pu 94	Am 95	Cm 96	Bk 97	Cf 98	Es 99	Fm 100	Md 101	No 102	Lr 103		

