

All the really useful stuff you didn't learn in Acids & Bases this year!

Solve these really awful cryptic clues to find a word associated with the Acids and Bases AS. [2] means it is a 2 word answer. Each answer starts with the letter beside the clue. E.g. A: a small male cat. Answer: Atom 😊
Good luck!

acid	A	ah little Sidney, you are a sharp tasting one indeed!
barium	B	do this with the dead bodies
catalyst	C	helps the feline speed up remembering what to shop for
detergent	D	put a little gentleman off doing washing up
element	E	Ellie intended to make a single type of atom
fizzy	F	f is 'e stuff? What a gas!
glucose	G	sticky stuff 'cause we need the energy of course
helium	H	lighter than air Liam is definitely male
iodine	I	IO eats a meal to test a leaf for starch
	J	
krypton	K	super spooky burial chamber is scheduled for a man
litmus	L	indication is it mus' have gone up in a load of flames
metal	M	encountered a little very malleable Albert
neon	N	leg joint isn't off
oxide	O	skin from the ox is a pretty basic ion
pipette	P	little Pippa consumed a plastic dropper
	Q	
rate	R	the going price for how fast the reaction happens
silicon	S	really daft prisoner – it's elementary
tin	T	can you try going backwards, you nit?
universal indicator	U	way to show everyone what is going on [2]
valence	V	how the Russian asks for directions to the outskirts of Lence
weak	W	pretty damn feeble acid
	X	
yellow	Y	shout out something in pain – at sulfurs appearance
zinc nitrate	Z	wage paid to Russian employee washing plates well after dark [2]

All the really useful stuff you didn't learn in Mechanics this year!

Solve these really awful cryptic clues to find a word associated with the Mechanics AS. [2] means it is a 2 word answer. Each answer starts with the letter beside the clue. E.g. A: a small male cat. Answer: Atom ☺ Good luck!

area	A	better ventilated can relieve the pressure
buoyant	B	floating male small insect
constant	C	trick Stan T. into travelling at a steady speed
drag	D	friction's a real bore
energy	E	N R G
force	F	may this be with you
gravity	G	don't you appreciate the seriousness of the situation?
height	H	'hello T, you are looking tall'
incline	I	Instruct Cline to come inside now – its plane to see
joule	J	hot energetic gem
kilogram	K	murder a massive object – that could be heavy stuff
line	L	shortest distance between two points – but don't cross it!
matter	M	'oh dear, what can the amount of material in stuff be.....!'
newton	N	ton or tonne or tun – what's the most recent version?
opposite	O	balanced forces are mixed up pipes too
pressure	P	squeeze the girl
	Q	
reaction	R	support the force!
speed	S	no O – he's fast in that swimwear
terminal	T	fatal speed?
units	U	do it yourself jersey productions
velocity	V	speed in the large town named after the french bicycle
watt	W	didn't you hear the units?
	X	
	Y	
	Z	

All the really useful stuff you didn't learn in Genetics this year!

Solve these really awful cryptic clues to find a word associated with the Genetics AS. [2] means it is a 2 word answer. Each answer starts with the letter beside the clue. E.g. A: a small male cat. Answer: Atom ☺ Good luck!

amino acid	A	very selfish 15 th letter has low pH [2]
base	B	it's all about the says Meghan (No treble)
complementary	C	base pairing says nice things about your appearance
dominant	D	little Dominic has been eaten by a small insect
eggs	E	fried or boiled?
family tree	F	big mummy, big daddy and big baby plant [2]
genotype	G	Gee refuses to use his keyboard skills
hydrogen bond	H	cheery greeting for 'drogen' 007 [2]
inherit	I	in – big bunny - it
	J	
	K	
line / line up	L	form a queue mid-way between poles
multiplication	M	it's the same as division in biology
nucleic acid	N	latest pottery material I see that isn't at all basic [2]
ova	O	eggs again and again and again.....it's just not cricket!
punnett	P	basket of strawberries
	Q	
ratio	R	oi rat! Are you mixed up about genotype or phenotype.....
survive	S	"first I was afraid, I was petrified, kept thinking I could never live without you by my side...." I will _____
trait	T	Cook Strait has no chefs that describe their phenotype
	U	
variation / variety	V	bit of a change is good for survival
wrinkled	W	Mendel's peas were very crinkly
xy	X	the sign of a real man!
y chromosome	Y	Are some men are colour blind because of this [2]
zygote	Z	doe and buck...."Sigh" says Billy _____ Gruff