

T1 particles	T1 kinetic particle theory	T1 solid
T1 liquid	T1 gas	T1 volume
T1 compress	T1 density	T1 mass

T1 gù tǐ	T1 lì zì dòng lǐ lùn	T1 lì zì
T1 tǐ jī	T1 qì tǐ	T1 yè tǐ
T1 zhì liàng	T1 mì dù	T1 yā suō

T1 separation	T1 arrangement	T1 motion
T1 regular	T1 vibrate	T1 forces of attraction
T1 melting	T1 freezing	T1 evaporating

T1 yùn dòng	T1 pái liè	T1 jiān jù
T1 yǐn lì	T1 zhèn dòng	T1 guī zé
T1 zhēng fā	T1 níng gù	T1 róng huà

T1 boiling	T1 condensing	T1 melting point
T1 boiling point	T1 sublimation	T1 energy
T1 heating curve	T1 cooling curve	T1 thermal energy

T1 róng diǎn	T1 níng jié	T1 fèi téng
T1 néng liàng	T1 shēng huá	T1 fèi diǎn
T1 rè néng	T1 lěng què qū xiàn	T1 jiā rè qū xiàn

T1 pressure	T1 kinetic energy	T1 collide
T1 diffusion	T1 concentration	T1 relative molecular mass
T1 rate	T1 ammonia	T1 hydrogen chloride

T1 pèng zhuàng	T1 dòng néng	T1 yā qiáng
T1 xiāng duì fēn zǐ zhì liàng	T1 nóng dù	T1 kuò sǎn
T1 lǚ huà qīng	T1 ān qì	T1 sù lǚ

T1 ammonium chloride	T2 element	T2 atom
T2 compound	T2 mixture	T2 nucleus
T2 electrons	T2 shells	T2 neutrons

T2 yuán zì	T2 yuán sù	T1 lǚ huà ǎn
T2 yuán zǐ hé	T2 hùn hé wù	T2 huà hé wù
T2 zhōng zǐ	T2 diàn zì céng	T2 diàn zì

T2 charge	T2 proton number	T2 atomic number
T2 mass number	T2 nucleon number	T2 electronic configuration
T2 Periodic Table	T2 Group	T2 Period

T2 yuán zi xù shù	T2 zhì zǐ shù	T2 diàn hè
T2 diàn zi pái bù	T2 hé zǐ shù	T2 zhì liàng shù
T2 zhōu qī	T2 zú	T2 zhōu qī biǎo

T2 noble gases	T2 isotopes	T2 relative atomic mass
T2 abundance	T2 ion	T2 cation
T2 anion	T2 ionic bond	T2 electrostatic attraction

T2 xiāng duì yuán zì zhì liàng	T2 tóng wèi sù	T2 xī yǒu qì tǐ
T2 yáng lí zǐ	T2 lí zǐ	T2 fēng dù
T2 jìng diàn yǐn lì	T2 lí zǐ jiàn	T2 yīn lí zǐ

T2 metal	T2 non-metal	T2 ionic compound
T2 lattice	T2 alternating	T2 melting point
T2 boiling point	T2 electrical conductivity	T2 molten

T2 lí zi huà hé wù	T2 fēi jīn shǔ	T2 jīn shǔ
T2 róng diǎn	T2 jiāo tì	T2 jīng gé
T2 róng róng	T2 dǎo diàn xìng	T2 fèi diǎn

T2 aqueous	T2 covalent bond	T2 intermolecular forces
T2 giant covalent structure	T2 diamond	T2 cutting tools
T2 graphite	T2 layers	T2 lubricant

T2 fèn zǐ jiàn zuò yòng lì	T2 gòng jià jiàn	T2 shuǐ róng yè
T2 qiē gē gōng jù	T2 jīn gāng shí	T2 jù xíng gòng jià jié gòu
T2 rùn huá jì	T2 céng	T2 shí mò

T2 delocalised electrons	T2 electrode	T2 silicon(IV) oxide
T2 metallic bonding	T2 malleability	T2 ductility
T3 stoichiometry	T3 formula	T3 molecular formula

T2 èr yǎng huà guī	T2 diàn jí	T2 lí yù diàn zi
T2 yán xìng	T2 zhǎn xìng	T2 jīn shǔ jiàn
T3 fēn zǐ shì	T3 huà xué shì	T3 huà xué jì liàng

T3 molecule	T3 empirical formula	T3 ratio
T3 compound	T3 ionic compound	T3 reactants
T3 products	T3 word equation	T3 symbol equation

T3 bǐ lì	T3 shí yàn shì	T3 fēn zǐ
T3 fǎn yìng wù	T3 lí zì huà hé wù	T3 huà hé wù
T3 huà xué fāng chéng shì	T3 wén zì fāng chéng shì	T3 shēng chéng wù

T3 balanced	T3 state symbols	T3 aqueous
T3 ionic equation	T3 spectator ions	T3 relative atomic mass
T3 element	T3 mass	T3 relative molecular mass

T3 shuǐ róng yè	T3 zhuàng tài fú hào	T3 pèi píng
T3 xiāng duì yuán zì zhì liàng	T3 páng guān lí zì	T3 lí zì fāng chéng shì
T3 xiāng duì fēn zǐ zhì liàng	T3 zhì liàng	T3 yuán sù

T3 relative formula mass	T3 mole	T3 amount of substance
T3 particles	T3 Avogadro constant	T3 molar mass
T3 volume	T3 molar gas volume	T3 concentration

T3 wù zhì dì liàng	T3 mó ěr	T3 xiāng duì shì liàng
T3 mó ěr zhì liàng	T3 ā fú gā dé luó cháng shù	T3 lì zì
T3 nóng dù	T3 mó ěr qì tǐ tǐ jī	T3 tǐ jī

T3 solution	T3 limiting reactant	T3 titration
T3 solute	T3 percentage yield	T3 percentage composition by mass
T3 percentage purity	T4 electrolysis	T4 decomposition

T3 dī dìng	T3 xiàn liàng fǎn yìng wù	T3 róng yè
T3 zhì liàng fēn shù	T3 chǎn lǚ	T3 róng zhì
T4 fēn jiě	T4 diàn jiě	T3 chún dù

T4 ionic compound	T4 molten	T4 aqueous
T4 electric current	T4 electrolytic cell	T4 electrolyte
T4 anode	T4 cathode	T4 inert

T4 shuǐ róng yè	T4 róng róng	T4 lí zi huà hé wù
T4 diàn jiě zhì	T4 diàn jiě chí	T4 diàn liú
T4 duò xìng	T4 yīn jí	T4 yáng jí

T4 platinum	T4 graphite	T4 hydrogen
T4 dilute	T4 concentrated	T4 lead
T4 bromine	T4 chlorine	T4 sulfuric acid

T4 qīng qì	T4 shí mò	T4 bó
T4 qiān	T4 nóng	T4 xī
T4 liú suān	T4 lǚ qì	T4 xiù

T4 oxygen	T4 electrons	T4 external circuit
T4 reduction	T4 oxidation	T4 half-equation
T4 copper	T4 electroplating	T4 corrosion

T4 wài diàn lù	T4 diàn zì	T4 yǎng qì
T4 bàn fǎn yìng shì	T4 yǎng huà	T4 huán yuán
T4 fǔ shí	T4 diàn dù	T4 tóng

T4 fuel cell	T4 pollutants	T5 exothermic reaction
T5 thermal energy	T5 surroundings	T5 endothermic reaction
T5 combustion	T5 neutralisation	T5 decomposition

T5 fàng rè fǎn yìng	T4 wū rǎn wù	T4 rán liào diàn chí
T5 xī rè fǎn yìng	T5 huán jìng	T5 rè néng
T5 fēn jiě	T5 zhōng hé	T5 rán shāo

T5 enthalpy change	T5 activation energy	T5 colliding
T5 particles	T5 reaction pathway diagram	T5 reactants
T5 products	T5 bond breaking	T5 bond making

T5 pèng zhuàng	T5 huó huà néng	T5 hán biàn
T5 fǎn yìng wù	T5 fǎn yìng jìn chéng tú	T5 lì zì
T5 chéng jiàn	T5 duàn jiàn	T5 shēng chéng wù

T5 bond energy	T6 physical change	T6 chemical change
T6 precipitate	T6 rate of reaction	T6 reactants
T6 products	T6 collision theory	T6 particles

T6 huà xué biàn huà	T6 wù lǐ biàn huà	T5 jiàn néng
T6 fǎn yìng wù	T6 fǎn yìng sù lǚ	T6 chén diàn
T6 lì zì	T6 pèng zhuàng lǐ lùn	T6 shēng chéng wù

T6 collide	T6 activation energy	T6 concentration
T6 pressure	T6 surface area	T6 kinetic energy
T6 catalyst	T6 enzymes	T6 syringe

T6 nóng dù	T6 huó huà néng	T6 pèng zhuàng
T6 dòng néng	T6 biǎo miàn jī	T6 yā qiáng
T6 zhù shè qì	T6 méi	T6 cuī huà jì

T6 reversible reaction	T6 hydrated	T6 anhydrous
T6 closed system	T6 equilibrium	T6 forward reaction
T6 reverse reaction	T6 position of equilibrium	T6 endothermic

T6 wú shuǐ	T6 shuǐ hé	T6 kě nì fǎn yìng
T6 zhèng fǎn yìng	T6 píng héng	T6 mì bì xì tǒng
T6 xī rè fǎn yìng	T6 píng héng wèi zhì	T6 nì fǎn yìng

T6 exothermic	T6 Haber process	T6 hydrogen
T6 methane	T6 nitrogen	T6 iron
T6 Contact process	T6 sulfur	T6 oxygen

T6 qīng qì	T6 hā bó fǎ	T6 fàng rè fǎn yìng
T6 tiě	T6 dàn qì	T6 jiǎ wán
T6 yǎng qì	T6 liú	T6 jiē chù fǎ

T6 vanadium(V) oxide	T6 compromise	T6 oxidation
T6 reduction	T6 redox reaction	T6 electrons
T6 oxidation number	T6 oxidising agent	T6 reducing agent

T6 yǎng huà	T6 zhé zhōng	T6 wǔ yǎng huà èr fán
T6 diàn zi	T6 yǎng huà huán yuán fǎn yìng	T6 huán yuán
T6 huán yuán jì	T6 yǎng huà jì	T6 yǎng huà shù

T6 potassium manganate(VII)	T6 potassium iodide	T6 iodine
T7 acid	T7 salt	T7 hydrogen
T7 base	T7 neutralisation	T7 carbon dioxide

T6 diǎn	T6 diǎn huà jiǎ	T6 gāo měng suān jiǎ
T7 qīng qì	T7 yán	T7 suān
T7 èr yǎng huà tàn	T7 zhōng hé	T7 jiǎn

T7 indicator	T7 litmus	T7 thymolphthalein
T7 methyl orange	T7 hydroxides	T7 alkali
T7 ammonium salts	T7 proton	T7 strong acid

T7 bǎi lǐ fēn tài	T7 shí ruǐ	T7 zhǐ shì jì
T7 kě róng xìng jiǎn	T7 qīng yǎng huà wù	T7 jiǎ jī chéng
T7 qiáng suān	T7 zhì zi	T7 ǎn yán

T7 dissociated	T7 hydrochloric acid	T7 weak acid
T7 ethanoic acid	T7 universal indicator	T7 acidic
T7 neutral	T7 alkaline	T7 amphoteric

T7 ruò suān	T7 yán suān	T7 diàn lí
T7 suān xìng	T7 tōng yòng zhǐ shì jì	T7 yǐ suān
T7 liǎng xìng	T7 jiǎn xìng	T7 zhōng xìng

T7 soluble	T7 insoluble	T7 titration
T7 excess	T7 filter	T7 evaporate
T7 crystallise	T7 precipitation	T7 hydrated

T7 dī dìng	T7 bù róng	T7 kě róng
T7 zhēng fā	T7 guò lǚ	T7 guò liàng
T7 shuǐ hé	T7 chén diàn	T7 jié jīng

T7 anhydrous	T7 water of crystallisation	T7 effervescence
T8 Periodic Table	T8 proton number	T8 atomic number
T8 electrons	T8 electronic configuration	T8 alkali metals

T7 pào téng	T7 jié jīng shuǐ	T7 wú shuǐ
T8 yuán zi xù shù	T8 zhì zǐ shù	T8 zhōu qī biǎo
T8 jiǎn jīn shǔ	T8 diàn zi pái bù	T8 diàn zi

T8 lithium	T8 sodium	T8 potassium
T8 soft	T8 trends	T8 melting point
T8 density	T8 reactivity	T8 halogens

T8 jiǎ	T8 nà	T8 lǐ
T8 róng diǎn	T8 qū shì	T8 róu ruǎn
T8 lǚ sù	T8 huó pō xìng	T8 mì dù

T8 chlorine	T8 bromine	T8 iodine
T8 diatomic	T8 halide	T8 displacement reaction
T8 transition elements	T8 coloured	T8 variable

T8 diǎn	T8 xiù	T8 lǚ qì
T8 zhì huàn fǎn yìng	T8 lǚ huà wù	T8 shuāng yuán zì
T8 kě biàn	T8 yǒu sè	T8 guò dù yuán sù

T8 iron	T8 noble gases	T8 unreactive
T8 monatomic	T8 effervescence	T9 thermal conductivity
T9 electrical conductivity	T9 malleability	T9 ductility

T8 bù huó pō	T8 xī yǒu qì tǐ	T8 tiě
T9 dǎo rè xìng	T8 pào téng	T8 dān yuán zi
T9 yán xìng	T9 zhǎn xìng	T9 dǎo diàn xìng

T9 brittle	T9 melting point	T9 boiling point
T9 salt	T9 hydrogen	T9 steam
T9 oxygen	T9 oxide	T9 aluminium

T9 fèi diǎn	T9 róng diǎn	T9 yì suì
T9 zhēng qì	T9 qīng qì	T9 yán
T9 lǚ	T9 yǎng huà wù	T9 yǎng qì

T9 density	T9 corrosion	T9 copper
T9 alloy	T9 mixture	T9 brass
T9 zinc	T9 stainless steel	T9 iron

T9 tóng	T9 fǔ shí	T9 mì dù
T9 huáng tóng	T9 hùn hé wù	T9 hé jīn
T9 tiě	T9 bù xiù gāng	T9 xīn

T9 chromium	T9 nickel	T9 carbon
T9 layers	T9 reactivity series	T9 potassium
T9 sodium	T9 calcium	T9 magnesium

T9 tàn	T9 niè	T9 gè
T9 jiǎ	T9 jīn shǔ huó dòng xìng shùn xù	T9 céng
T9 měi	T9 gài	T9 nà

T9 displacement reaction	T9 oxide layer	T9 rusting
T9 rust	T9 barrier methods	T9 galvanising
T9 sacrificial protection	T9 electrons	T9 ore

T9 shēng xiù	T9 yǎng huà céng	T9 zhì huàn fǎn yìng
T9 dù xīn	T9 gé lí fǎ	T9 tiě xiù
T9 kuàng shí	T9 diàn zi	T9 xī shēng bǎo hù

T9 electrolysis	T9 hematite	T9 blast furnace
T9 carbon dioxide	T9 carbon monoxide	T9 reduction
T9 limestone	T9 calcium oxide	T9 slag

T9 gāo lú	T9 chì tiě kuàng	T9 diàn jiě
T9 huán yuán	T9 yī yǎng huà tàn	T9 èr yǎng huà tàn
T9 lú zhā	T9 yǎng huà gài	T9 shí huī shí

T9 bauxite	T9 cryolite	T9 cathode
T9 anode	T9 effervescence	T10 anhydrous
T10 melting point	T10 boiling point	T10 distilled water

T9 yīn jí	T9 bīng jīng shí	T9 lǚ tǔ kuàng
T10 wú shuǐ	T9 pào téng	T9 yáng jí
T10 zhēng liú shuǐ	T10 fèi diǎn	T10 róng diǎn

T10 impurities	T10 oxygen	T10 sewage
T10 microbes	T10 phosphates	T10 aquatic life
T10 minerals	T10 toxic	T10 deoxygenation

T10 wū shuǐ	T10 yǎng qì	T10 zá zhì
T10 shuǐ shēng shēng wù	T10 lín suān yán	T10 wēi shēng wù
T10 quē yǎng	T10 yǒu dú	T10 kuàng wù zhì

T10 sedimentation	T10 filtration	T10 carbon
T10 chlorination	T10 fertilisers	T10 nitrogen
T10 phosphorus	T10 potassium	T10 noble gases

T10 tàn	T10 guò lǚ	T10 chén jiàng
T10 dàn qì	T10 féi liào	T10 lǚ xiāo dú
T10 xī yǒu qì tǐ	T10 jiǎ	T10 lín

T10 complete combustion	T10 carbon monoxide	T10 particulates
T10 incomplete combustion	T10 methane	T10 oxides of nitrogen
T10 fossil fuels	T10 sulfur	T10 carbon dioxide

T10 kē lì wù	T10 yī yǎng huà tàn	T10 wán quán rán shāo
T10 dàn yǎng huà wù	T10 jiǎ wán	T10 bù wán quán rán shāo
T10 èr yǎng huà tàn	T10 liú	T10 huà shí rán liào

T10 greenhouse gases	T10 global warming	T10 climate change
T10 respiratory	T10 cancer	T10 acid rain
T10 photochemical smog	T10 renewable energy	T10 catalytic converters

T10 qì hòu biàn huà	T10 quán qiú biàn nuǎn	T10 wēn shì qì tǐ
T10 suān yǐ	T10 ái zhèng	T10 hū xī
T10 cūi huà zhuǎn huà qì	T10 kě zài shēng néng yuán	T10 guāng huà xué yān wù

T10 flue gas desulfurisation	T10 calcium oxide	T10 thermal energy
T10 photosynthesis	T10 chlorophyll	T10 glucose
T11 molecular formula	T11 displayed formula	T11 structural formula

T10 rè néng	T10 yǎng huà gài	T10 yān qì tuō liú
T10 pú táo táng	T10 yè lǚ sù	T10 guāng hé zuò yòng
T11 jié gòu jiǎn shì	T11 jié gòu shì	T11 fēn zǐ shì

T11 general formula	T11 homologous series	T11 functional group
T11 saturated	T11 unsaturated	T11 Structural isomers
T11 fossil fuels	T11 coal	T11 natural gas

T11 guān néng tuán	T11 tóng xì wù	T11 tōng shì
T11 tóng fēn yì gòu tǐ	T11 bù bǎo hé	T11 bǎo hé
T11 tiān rán qì	T11 méi	T11 huà shí rán liào

T11 petroleum	T11 Methane	T11 hydrocarbon
T11 fractions	T11 fractional distillation	T11 fractionating column
T11 chain length	T11 volatility	T11 viscosity

T11 tàn qīng huà hé wù	T11 jiǎ wán	T11 shí yóu
T11 fēn liú tǎ	T11 fēn liú	T11 liú fēn
T11 nián dù	T11 huī fā xìng	T11 liàn zhǎng

T11 bitumen	T11 Alkanes	T11 Combustion
T11 substitution reaction	T11 ultraviolet light	T11 photochemical reaction
T11 activation energy	T11 Alkenes	T11 Cracking

T11 rán shāo	T11 wán tīng	T11 lì qīng
T11 guāng huà xué fǎn yìng	T11 zǐ wài xiàn	T11 qǔ dài fǎn yìng
T11 liè huà	T11 xī tīng	T11 huó huà néng

T11 catalyst	T11 hydrogen	T11 addition reactions
T11 bromine	T11 nickel	T11 steam
T11 Alcohols	T11 ethanol	T11 fermentation

T11 jiā chéng fǎn yìng	T11 qīng qì	T11 cuī huà jì
T11 zhēng qì	T11 niè	T11 xiù
T11 fā jiào	T11 yǐ chún	T11 chún

T11 pú táo táng	T11 jiào mǔ	T11 yǐ xī
T11 yǐ suān	T11 suō suān	T11 róng jì
T11 gāo měng suān jiǎ	T11 yǎng huà	T11 yán

T11 vinegar	T11 ester	T11 polymer
T11 monomers	T11 addition polymerisation	T11 repeat unit
T11 condensation polymerisation	T11 Polyamides	T11 Nylon

T11 jù hé wù	T11 zhǐ	T11 cù
T11 chóng fù dān yuán	T11 jiā jù	T11 dān tǐ
T11 ní lóng	T11 jù xiān àn	T11 suō jù

T11 Polyesters	T11 amide linkage	T11 ester linkage
T11 Plastics	T11 landfill	T11 Proteins
T11 amino acid	T12 stop-watch	T12 thermometer

T11 zhǐ jiàn	T11 xiān àn jiàn	T11 jù zhǐ
T11 dàn bái zhì	T11 tián mái	T11 sù liào
T12 wēn dù jì	T12 miǎo biǎo	T11 ān jī suān

T12 balance	T12 burette	T12 volumetric pipette
T12 measuring cylinder	T12 gas syringe	T12 solvent
T12 solute	T12 solution	T12 saturated solution

T12 yí yè guǎn	T12 dī dìng guǎn	T12 tiān píng
T12 róng jì	T12 zhù shè qì	T12 liáng tǒng
T12 bǎo hé róng yè	T12 róng yè	T12 róng zhì

T12 residue	T12 filtrate	T12 titration
T12 indicator	T12 end-point	T12 paper chromatography
T12 locating agent	T12 chromatogram	T12 filtration

T12 dī dìng	T12 lǚ yè	T12 cán zhā
T12 zhǐ sè pǔ fǎ	T12 zhōng diǎn	T12 zhǐ shì jì
T12 guò lǚ	T12 sè pǔ tú	T12 xiǎn sè jì

T12 crystallisation	T12 simple distillation	T12 fractional distillation
T12 melting point	T12 boiling point	T12 anion
T12 carbonate	T12 carbon dioxide	T12 chloride

T12 fēn liú	T12 zhēng liú	T12 jié jīng
T12 yīn lí zì	T12 fèi diǎn	T12 róng diǎn
T12 lǚ huà wù	T12 èr yǎng huà tàn	T12 tàn suān yán

T12 nitric acid	T12 silver nitrate	T12 bromide
T12 iodide	T12 nitrate	T12 aluminium
T12 sodium hydroxide	T12 ammonia	T12 sulfate

T12 xiù huà wù	T12 xiāo suān yín	T12 xiāo suān
T12 lǚ	T12 xiāo suān yán	T12 diǎn huà wù
T12 liú suān yán	T12 ān qì	T12 qīng yǎng huà nà

T12 barium nitrate	T12 sulfite	T12 potassium manganate(VII)
T12 cation	T12 precipitate	T12 ammonium
T12 calcium	T12 chromium	T12 copper

T12 gāo měng suān jiǎ	T12 yà liú suān yán	T12 xiāo suān bèi
T12 ǎn	T12 chén diàn	T12 yáng lí zi
T12 tóng	T12 gè	T12 gài

T12 iron	T12 zinc	T12 litmus
T12 limewater	T12 chlorine	T12 hydrogen
T12 oxygen	T12 flame test	T12 lithium

T12 shí ruǐ	T12 xīn	T12 tiě
T12 qīng qì	T12 lǚ qì	T12 shí huī shuǐ
T12 lǐ	T12 yàn sè shì yàn	T12 yǎng qì

T12

sodium

T12

potassium

T12

barium

T12

bèi

T12

jiǎ

T12

na