



MATHEMATICS – Y6 Vocabulary List 2025

Word	Meaning	Synonyms	Similar words
million	The number equivalent to the product of a thousand and a thousand	thousand thousands	millionth millionaire
hcf	Highest common factor: The greatest number that can be divided exactly into each of two or more numbers	NA	NA
lcm	Lowest Common Multiple: The lowest quantity that is a multiple of two or more given quantities (e.g. 12 is the lowest common multiple of 2, 3, and 4).	NA	NA
round	Expressed to the nearest integer, ten, hundred, or thousand	inexact, alter, change, modify	rounding
ratio	The quantitative relation between two amounts showing the number of times one value contains or is contained within the other.	quota	rationale ration
proportion	A part, share, or number considered in comparative relation to a whole.	distribution	portion
scale factor	The size by which a quantity/shape is enlarged by is described by its scale factor. This can be an increase or a decrease in size.	extent scope	scales scaling
formulae	A mathematical relationship or rule expressed in symbols.	procedure equation	formula formulate
algebra	The part of mathematics in which letters and other general symbols are used to represent numbers and quantities in formulae and equations	calculation calculas	algebraic

equation	A statement that the values of two mathematical expressions are equal	associate Line Relate	Equate equating
expression	Numbers, symbols and operators (such as + and ×) grouped together that show the value of something.	Interpretation statement	Express expressionless
parallelogram	A four-sided plane rectilinear figure with opposite sides parallel.	NA	parallel
rhombus	A quadrilateral all of whose sides have the same length.	NA	rhomboid
circumference	The enclosing boundary of a curved geometric figure, especially a circle	edge perimeter	circumnavigate circumstance
radius	A straight line from the centre to the circumference of a circle or sphere.	NA	radian radium radiolarian
diameter	A straight line passing from side to side through the centre of a body or figure, especially a circle or sphere.	NA	diametrically diametric diametral
pi	The ratio of a circle's circumference to its diameter	NA	NA
nets	A pattern that you can cut and fold to make a model of a solid shape.	NA	network
pie chart	A type of graph in which a circle is divided into sectors that each represent a proportion of the whole	graph	NA
vertex	Each angular point of a polygon, polyhedron, or other figure.	culmination Apex pinnacle	vertebrate vertebral
mean	The mean of a set of numbers is their average. To find the average of a set of numbers, the sum of all numbers needs to be divided by the number of items within the list.	average	meanwhile meantime

Word	Meaning	Synonyms	Similar words
reflect	to cast back (light, heat, sound, etc.) from a surface	Mirror, reverse, copy, rebound	Reflective, reflection
surface	the outer face, outside, or exterior boundary of a thing; outermost or uppermost layer or area	Area, face, exterior	
transparent	having the property of transmitting rays of light through its substance so that bodies situated beyond or behind can be distinctly seen.	Clear, translucent, see-through	Transport, transpire, translucent
translucent	permitting light to pass through but diffusing it so that persons, objects, etc., on the opposite side are not clearly visible:	Luminous, semi-opaque, see-through	transparent
opaque	not transparent or translucent; impenetrable to light; not allowing light to pass through	Blurred, cloudy, dull, gloomy	
shadow	a dark figure or image cast on the ground or some surface by a body intercepting light	Dark, shade, gloom, obscurity	Shading, shade, shadowy.

SCIENCE – Year 6 Electricity Vocabulary List 2025

Word	Meaning	Synonyms	Similar words
electricity	energy made available by the flow of electric charge through a conductor	current	Electrifying, electrons, electrical, electric
circuit	to go or move around; make the circuit of	Chain, circumference	circle
switch	a mechanical, electrical, electronic, or optical device for opening or closing a circuit or for diverting energy from one part of a circuit to another		
electrons	a unit of charge equal to the charge on one electron		Electricity, electrical, electric
component	a part of a mechanical or electrical system	Part, material, constituent, particle	
battery	a combination of two or more cell electrically connected to work together to produce electric energy.	Power, cell	
power	to supply with electricity or other me	Energy, strength	Powerful,

HISTORY – Y6 World War Two Vocabulary List 2025

Word	Meaning	Synonyms	Similar words
dictator	A ruler who is unconstrained by law	autocrat, monarch, absolute ruler; tyrant, despot, oppressor	dictate, dictated
propaganda	Information that is spread for the purpose of promoting some cause	publicity, advocacy	N/A
reliable	Worthy of reliance or trust	reliable, trustworthy, honourable, true, faithful, loyal, constant, unswerving, unwavering, unfailing, sure, steadfast, steady,	reliability
censorship	Deleting parts of publications or correspondence or theatrical performances	cleanse, purge, purify, edit, cut (out), delete, excise, expunge, black out, repress, silence, suppress, censure, condemn	censored, censors
neutral	Not supporting or favouring either side in a war, dispute, or contest	nonaligned	neutrality
allies	An alliance of nations joining together to fight a common enemy	associate, companion, helper	alliance
air raid	An attack by armed planes on a surface target	bombing, blitz	N/A
operation	Activity by a military or naval force (as a manoeuvre or campaign)	military operation	operate

<i>Holocaust</i>	<i>An act of mass destruction and loss of life (especially in war or by fire)</i>	<i>massacre, slaughter, mass murder, carnage, butchery, extermination, liquidation, genocide, ethnic cleansing</i>	<i>N/A</i>
<i>Nazi</i>	<i>A German member of Adolf Hitler's political party</i>	<i>N/A</i>	<i>Nazis</i>
<i>patriotism</i>	<i>Love of country and willingness to sacrifice for it</i>	<i>nationalism, patriotic sentiment, allegiance, loyalty to one's country, loyalism</i>	<i>patriot</i>
<i>democracy</i>	<i>The political orientation of those who favour government by the people or by their elected representatives</i>	<i>elective government, constitutional government, government by the people, republic, commonwealth</i>	<i>democratic</i>
<i>military</i>	<i>The military forces of a nation</i>	<i>fighting, service, army, armed, defence, warrior, soldierly</i>	<i>militaristic</i>
<i>threat</i>	<i>Declaration of an intention or a determination to inflict harm on another</i>	<i>warning, ultimatum, intimidating remark, menacing</i>	<i>threaten, threatening</i>
<i>surrender</i>	<i>Relinquish possession or control over</i>	<i>yield, concede, submit, climb down, give way, defer, acquiesce, back down, cave in, relent, succumb, quit, crumble, be beaten</i>	<i>surrendered</i>
<i>treaty</i>	<i>A written agreement between two states or sovereigns</i>	<i>agreement, settlement, pact, deal, entente, protocol, compact, convention, contract, covenant, bargain, pledge</i>	<i>treaties</i>

resistance	The action of opposing something that you disapprove or disagree with	battle, defiance, fight, protection, refusal, struggle, support, blocking, check, combat, cover, detention, friction, hindrance, impediment, safeguard, screen, shield, halting, impeding	resist
rationing	When something is in short supply, like rubber and metal during the Second World War, a government will often institute rationing to save that material, making sure there's enough of it for emergencies. Rationing during the war meant that people had a specific amount of food they could buy each week, and once an item was used up, they had to wait until they got a new ration book to buy more. Ration means "hand out in fixed amounts."	allot, conserve, give out, restrict, allocate, apportion, assign, budget, control, deal, distribute	ration
colony	A geographical area politically controlled by a distant country	outpost, protectorate, province, territory, antecedents, clearing, dependency, dominion, mandate, offshoot	colonies
superpower	A state powerful enough to influence events throughout the world	dominion, global force, imperium, lordship, powerful nation, sovereignty	superpowers

evacuation	The act of evacuating; leaving a place in an orderly fashion; especially for protection	expulsion, clearing, discharge, emptying, draining	evacuate
invasion	The act of invading; the act of an army that invades for conquest or plunder	aggression, assault, breach, incursion, infiltration, infringement, intrusion, offensive, violation, maraud, offense, transgression, trespass, usurpation, forced entrance, overstepping	invade
shelter	A structure that provides privacy and protection from danger	dwelling, haven, home, house, hut, lodging	sheltered
radar	Measuring instrument in which the echo of a pulse of microwave radiation is used to detect and locate distant objects	sonar, direction finding, scanning system, tracking system	radars
intelligence	Having the capacity for thought and reason especially to a high degree	brainy, bright, brilliant, creative, imaginative, inventive, knowledgeable, original, perceptive, rational, resourceful, smart, well-informed, acute, calculating, capable, clever, comprehending, discerning, enlightened, exceptional	intelligent

campaign	A series of actions advancing a principle or tending toward a particular end	crusade, drive, fight, movement, offensive, operation, expedition, warfare	campaigns
morale	A state of individual psychological well-being based upon a sense of confidence and usefulness and purpose	spirit, mood, attitude	morales
auxiliary	Someone who acts as an assistant	assistant, partner	auxiliaries
casualties	Someone injured or killed or captured or missing in a military engagement	mishap	casualty
civilians	Associated with civil life or performed by persons who are not active members of the military	citizen	civilian

RE – Y6 Vocabulary List Sikhism 2025

Word	Meaning	Synonyms	Similar words
Guru Nanak	Guru Nanak - Indian religious leader who founded Sikhism in dissent from the caste system of Hinduism; he taught that all men had a right to search for knowledge of God and that spiritual liberation	Leader Sikhism	Superior
Sikh	A Sikh is a follower of Sikhi, a monotheistic, monist, pantheist religion that originated in the 15th century from the Punjab region in the Indian subcontinent.	Sikh	
Sikhism	Sikh is a person who follows the Indian religion of Sikhism	Religion Indian	
Gurdwara	A Sikh place of worship	A holy place of worship	
Sewa	The two main tenets of Sikhism are sewa or selfless service and simran, remembrance, living your life in accordance with the gurus' wisdom, gurmat.	To dissolve the ego.	
Vaisakhi	Vasakhi is a historical and religious festival in Sikhism and	Sikh calendar	New year festival celebrated by Sikhs

	Hinduism.		and Hindus
Karma	God of love	Affection	
reincarnation	the rebirth of a soul in another body.	reborn	rebirth
Onkhar	is the symbol that represents the one supreme reality	central tenet of Sikh religious philosophy	beginning of Sikh scripture and means, "One With Everything".

RE - Y6 Vocabulary List Islam 2025

Word	Meaning	Synonyms	Similar words
Islam	Religion of the Muslims, a monotheistic faith regarded as revealed through Muhammad as the Prophet of Allah.	Islamism. Mohammadanism. Muslimism.	Allah, salaam, Quran, halal, mecca, hajj, Prophet Muhammad
Muslim	A follower of the religion of Islam	Muslimah Islam Khalifah	Islamic
Allah	Muslims believe one God	God	Creator
Muhammad	Last Prophet in Islam	Oracle Augur Religious person Chairman	Leader Diviner
Quran	Holy book for Muslims	Surah Al-Quran	Holy book Stories related to Prophets
Mosque	Muslim place of worship	House of pray House of worship Place of worship	Holy place
Dome	The hollow upper part of the sphere in a building	Rounded Roof Whispering gallery	Arch Arcade roof
Muezzin	A man who calls Muslims to pray from the minaret of the mosque	Announcer	Caller
Ramadan	Ninth month of the Muslim calendar. Muslims fast from sunrise to sunset.	Muslim calendar Islamic calendar	Fasting

Hajj	Greater Muslim pilgrimage to Mecca, which takes place in the last month of the year and which all Muslims are expected to make at least once during their lifetime if they can afford to do so. It is one of the Five Pillars of Islam	Pilgrimage journey	Pilgrimage Pillar of Islam
Salah	To pray	Worship God	Praise God
Zakat	payment made annually under Islamic law on certain kinds of property and used for charitable and religious purposes, one of the Five Pillars of Islam	To give money to the less fortunate.	Charity Giving
Hijrah	the Prophet Muhammad's migration (622 ce) from Mecca to Medina in order to escape persecution.	Travelling	Flight escape
Eid ul- Fitr	the Muslim festival marking the end of the fast of Ramadan	Muslim Festival	celebration
Umrah	Sacred holy journey for Muslims	Mecca Medina	Holy place
Arafat	Muslim pilgrims will make their way from the town of Mina to a nearby hillside and plain called Mount Arafat	The Day of Arafat falls on the second day of pilgrimage rituals	Prophet Muhammed
Ihram	to enter into a sanctity which cannot be broken	The sacred dress of Muslim pilgrims, consisting of two lengths of white cotton, one wrapped around the loins,	
Kabah	Muslims visit this holy place in Saudi Arabia	Muslims face the Kabah to pray	
Mecca	a city in western Saudi Arabia,	Mecca Medina Muslims	
Pilgrimage	a pilgrim's journey		
Safa	Safa and Marwa are two small hills, which are located in the Masjid-Al-Haram; Makkah; Saudi Arabia.	The distance between the two hills is 400 km between which pilgrims travel back and forth seven times	Hajj Umrah Place of worship for pilgrims
Marwa			

Tawaf	circumambulation", the circular walking around the Kabah during hajj or umrah		
-------	---	--	--

PSHE – Health and Wellbeing Vocabulary List 2025

Word	Meaning	Synonyms	Similar words
exercise	bodily or mental exertion, especially for the sake of training or improvement of health:	action movement training workout	exercising
benefit	something that is advantageous or good; an advantage:	helpful advantage improve	beneficial
effects	something that is produced by an agency or cause; result; consequence	consequence outcome	effective
cannabis	the hemp plant, <i>Cannabis sativa</i> .	marijuana	
substance abuse	long-term, pathological use of alcohol or drugs, characterized by daily intoxication, inability to reduce consumption, and impairment in social or occupational functioning; broadly, alcohol or drug addiction.	addict	
ideals	a conception of something in its perfection.		idealisation
consumption	the act of consuming, as by use, decay, or destruction	drinking, using, eating, wasting, loss, decreasing	consume
emotion	any of the feelings of joy, sorrow, fear, hate, love, etc.	sentiment feeling	emotional
finance	relating to money matters;	monetary economic	financial
diversity	the state or fact of being diverse; difference; unlikeness:	change difference variety	diverse
hygienic	conducive to good health; healthful; sanitary	healthy	hygiene
concern	a matter that engages a person's attention, interest, or care, or that affects a person's welfare or happiness:	interest matter worry both trouble	concerning