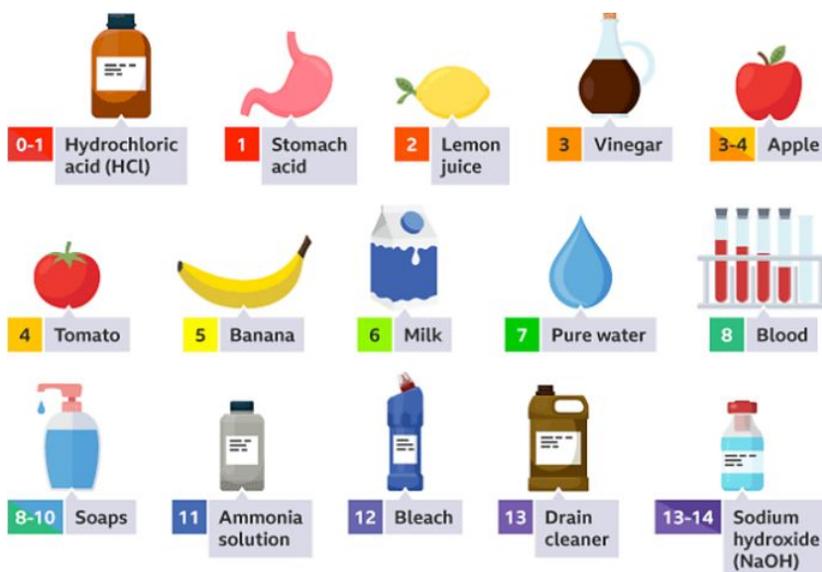


Y7 Acids and Alkalis

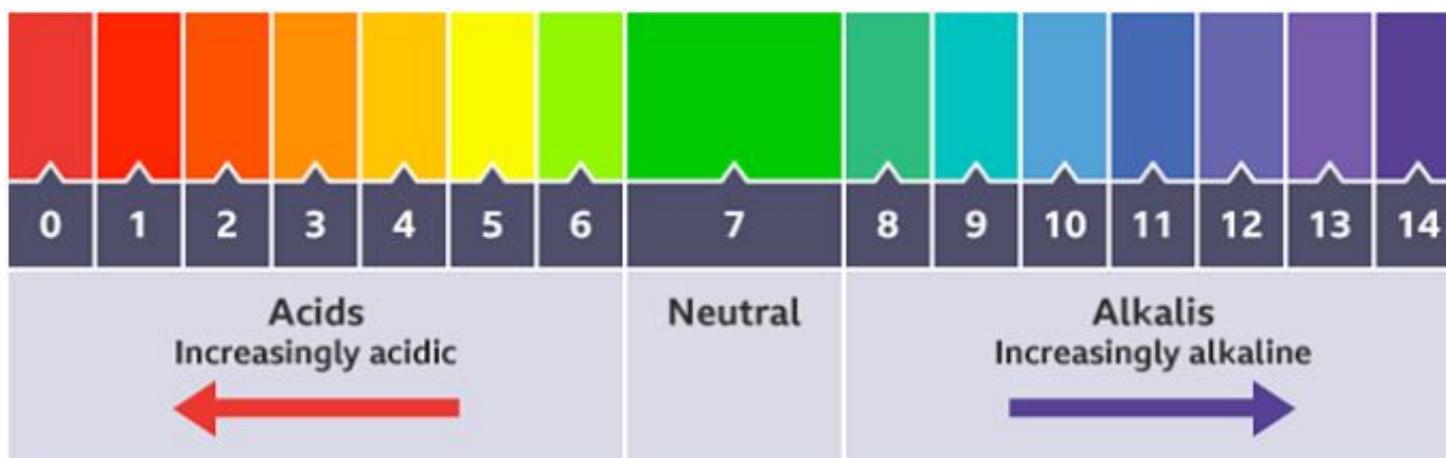
Learned	Revised	Confident
_____ % Achieved: _____		



1 Common acids and alkalis

Nº	Key words	Definition
2	Acid	Substances with pH values lower than 7.
3	alkaline	Substances with pH values greater than 7.
4	Indicator	A substance which will change colour depending on the pH of the solution it is mixed with
5	Neutral	A substance that is not acidic or alkaline (pH7)
6	Neutralisation	A chemical reaction in which an acid reacts with a base or an alkali to form a salt and water.

7 The pH scale



Nº	Acid reactions
8	Acid + alkali → salt + water (neutralisation)
9	Acid + metal → salt + hydrogen
10	Acid + carbonate → salt + carbon dioxide

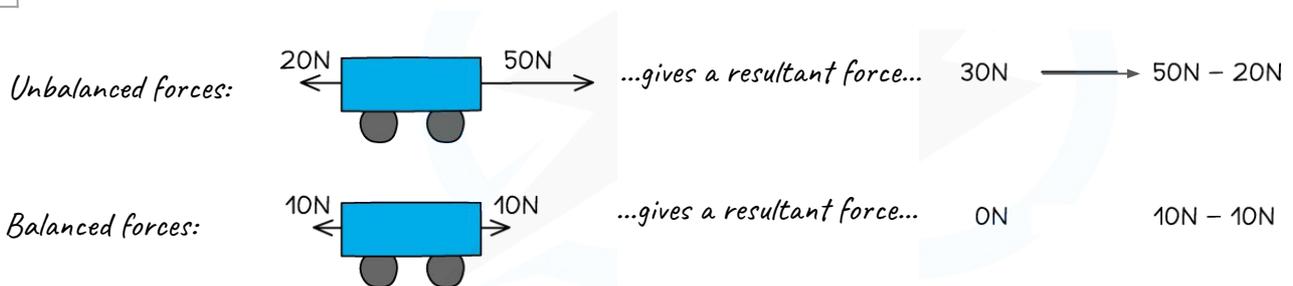
Y7 Forces

Learned	Revised	Confident
_____ % Achieved: _____		

N°	Contact forces	Non contact forces
1	Air resistance Drag Friction Normal contact force Tension Thrust Upthrust	Electrostatic forces Gravitational forces (weight) Magnetic forces

N°	Keyword	Definition
2	Contact force	Occurs when two objects must touch for a force to act
3	Newton (N)	The unit for force
4	Newton meter	Equipment used to measure force.
5	Non contact force	Occurs when two objects do NOT need to touch for the force to act
6	Resultant force	A single force that can replace all other forces acting on an object to give the same effect as the original forces acting altogether

7



N°	Facts
8	Forces can make objects change speed, direction, or shape
9	If the forces acting on an object are balanced , the object will stay still, or keep moving at the same speed (if it was already moving)
10	If the forces acting on an object are unbalanced , the object will either begin to move, speed up, or slow down.
11	Speed = $\frac{\text{distance}}{\text{time}}$

Y7 Health project

DRUG CLASSES	GENERAL OVERVIEW	HEALTH IMPACTS	EXAMPLES
DEPRESSANTS	Slows the brain and body operations	Slowed reaction time, disorientation, depression, fatigue	Alcohol, Xanax, Valium, Ambien
STIMULANTS	Speeds up the brain and body operations	Rapid heartbeat, increased respiration, heart attack, seizures	Nicotine, Adderall, Cocaine, Meth
HALLUCINOGENS	Alters perceptions	Increased body temperature, sweating, psychosis	LSD, Psilocybin, Peyote
OPIOIDS	Can relieve pain, induce euphoria and impact mood	Drowsiness, insomnia, collapsed veins, coma	Heroin, Fentanyl, Vicodin, Codeine

Learned	Revised	Confident
_____ % Achieved: _____		

N°	Key word	Definition
1	Addictive	Something that is addictive is habit-forming. It creates a dependency so that more of it is wanted.
2	Depressant	Drugs that slow down the nervous system, often making reactions slower.
3	Hallucinogen	Drugs that make a person see, hear or feel things that are not really there.
4	Medicine	Drugs that help people suffering from medical conditions, which are usually prescribed by a doctor.
5	Recreational drug	Drugs taken because of how they make people feel, rather than because there is a medical need.
6	Stimulant	Drugs that speed up the nervous system, often making reactions faster.

N°	Facts
7	Recreational drugs can have short term and long term effects on the body.
8	There are many "costs" to drug misuse, including costs to society and cost to life.
9	You can get help with addiction from the NHS (your doctor), or many charities like Alcoholics Anonymous, Action on Addiction and Frank