E	English – Yr11 Autumn 1		
Predict	To explain what you think might happen using clues from the text.	Example: From Stanley's response I think he is going to runaway because he misses home.	
Infer	To make a guess based on what you have read.	Example: I can infer that Stanley is homesick because he cried himself to sleep.	
Summarise	To give the main points.	Example: Stanley was falsely accused of a crime and was sent to a camp.	
Structure	How something is put together.	Example: 'Holes' by Louis Sachar is structured using dual narrative.	
Theme	A subject or topic that comes up a lot in a story.	Example: Love, friendship, trust, growing up, death.	
Perspective	A point of view.	Example: Everybody will have their own perspective of what happened, their own point of view.	
Visualise	To have a picture in your mind.	Example: I can visualise how hot the desert is.	

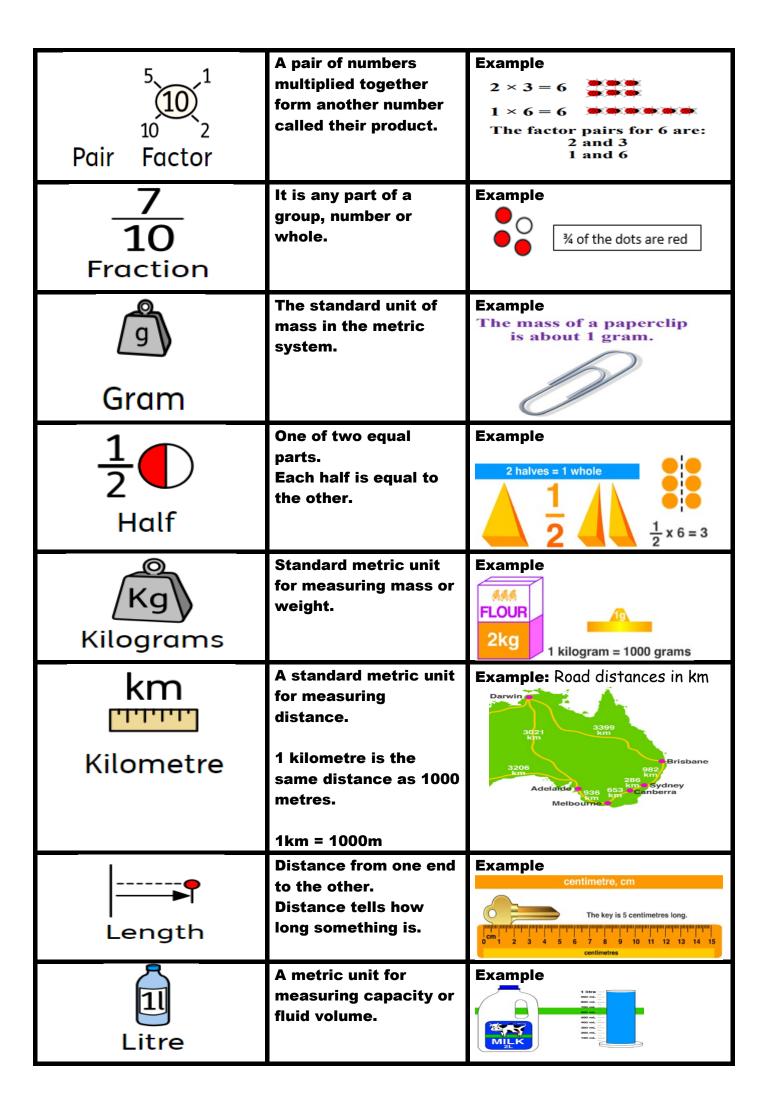
Conclude	To give an opinion based on what you have read.	Example: I conclude that there will be a happy ending as Stanley has been cleared of his crime.
Scanning	Scanning is when you rea quickly looking for specific information.	Example:
Skimming	Skimming is when you read quickly to get an idea of a text.	Example:
Description	To say or to write about what something is like.	Example: The smooth yellow leaf floated down from the enormous oak tree
Genre	Genre refers to different styles or categories of art, film, music or literature.	Example: Horror Romance
Convention	Writing Conventions are rules that different types of writing follow.	Example: Poetry Newspaper article Diary Entry Story Play
ABC Pre-fix	Letters added to the beginning of a word to make a new word.	Example: When the prefix un- is added to the word happy, it creates the word unhappy.
Suffix	Letters added to the end of a word to make a new word.	Example: When the suffix ness- is added to the word happy, it creates the word happiness.

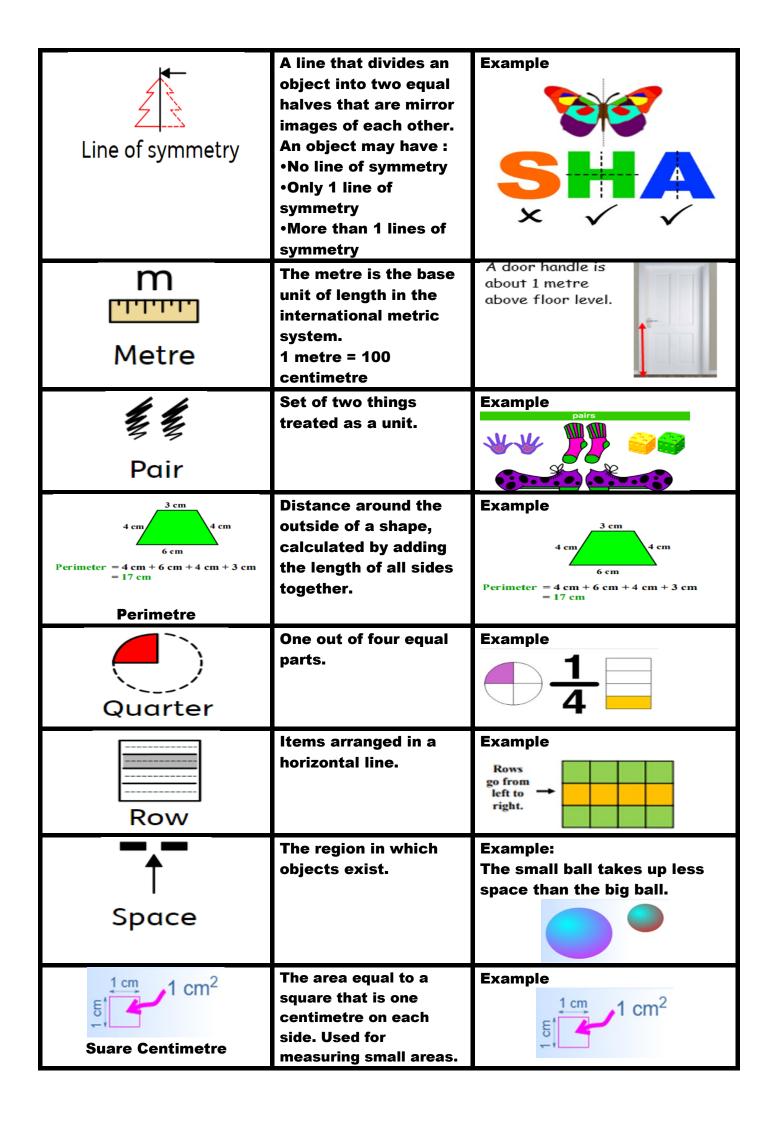
Sentence Simple Sentence	A sentence is a group of words, which makes sense on its own. A sentence always begins with a capital letter and often ends with a full stop, question mark or an exclamation mark. A simple sentence has a subject and a verb. It can be very short in length.	Example: The cup fell and broke. (This sentence makes sense.) Example: 'The angry dog barks.' It puts across one simple idea.
Compound Sentence	A compound sentence is a sentence with at least two independent clauses which are joined by a connective.	Example: 'I love tea, and he likes coffee'.
Connective	A connective links two ideas together in a sentence.	Example: I was rushing because I was late.
Imperative Sentence	An Interrogative sentence is just a question	Example: Who was the last speaker?
Interrogative Sentence	Imperative sentence – A sentence that commands or demands.	Example: Do your homework.
Exclamatory Sentence	An exclamatory sentence is a sentence that exclaims and ends with an exclamation mark!!	Example: Look out!
Abcd Abcd Clause	A main clause is a group of words that has a subject and verb. A main clause is a sentence.	Example: I choose not to go to the party.

Abcd Subordinate Clause	A subordinate clause is a clause that cannot stand alone as a complete sentence because it does not express a complete thought.	Example: Although my friends begged me, I chose not to go to the party.
Complex Sentence	A complex sentence is an independent clause (a sentence that can stand on its own) with 1 or more dependent clauses added (dependent clauses can't stand on their own as a sentence).	Example: Although my friends begged me, I chose not to go to the party.

sentence).

Maths		
Area	The size a surface takes up. It is measured in square units. It can be determined using a grid or a formula.	2 rows of 5 = 10 square units or 2 × 5 = 10 square units
4<*** Array	A set of objects or numbers arranged in order, often in rows and columns. Arrays often make counting and calculating easier. The amount a	3 rows of 4
T ? Capacity	container or something can hold	1. litre 500mL
cm [ייייייי] Centimetre	A metric unit for measuring length.	The key is 5 centimetres long. The key is 5 centimetres long.
Column	A vertical arrangement of numbers or information in an array or table.	Columns go up and down.
◀= ► Equal Parts	Parts of an object or group that have been divided equally into pieces.	Example 3 equal parts
E=mc ²	A formula shows the mathematical way to work something out.	Example Rectangle: Area = length x width







Science		
Hazard	Something that causes a danger or risk.	Example Broken Glass Liquid on the floor
Corrosive	Could burn the skin and damage the eyes. Avoid breathing in vapours	Example Acids
Explosive	May explode when dry or exposed to heat or flames.	Example Acids Dynamite
Flammable	May catch fire when exposed to oxygen and a heat source.	Example Paper Oil
Toxic	Short-term exposure, such as contact with skin, swallowing or inhalation, could cause illness or death.	Example Poison
Investigate	To look into carefully and closely so as to learn the facts.	In science we investigated what plants are similar and different

◆ Evaluate	To study carefully and judge	Example Our teacher evaluated our test results.
Conclude	To think about carefully and form an opinion.	Example We concluded that Sam was a faster runner than Alex.
Results	The outcome of the investigation.	Example Our results showed a rise in temperature each day in June.
Bunsen Burner	A Bunsen burner is a piece of science equipment used in experiments. Using gas, they produce a single open flame which can easily be turned up or down as the experiment requires.	
Tripod	Something resting on three legs which is placed over the Bunsen burner in science experiments.	
Heatproof Mat	A heatproof mat is a piece of science equipment used in experiments that involve high temperatures to prevent damage to a surface.	

Beaker	A beaker is a glass container with a flat bottom and a small spout for pouring. It is used in the science experiments for mixing, heating, and stirring liquids.	
Connical Flask	A conical flask is a glass container with a flat bottom. It generally has measurement marks on the side. It is similar to a beaker, but has the cone shaped body.	
Clamp and Stand	An item of science equipment which has a metal pole with a solid base, used to hold, or clamp, science glassware and other equipment in place, so that they do not fall down or come apart.	
Basin	A wide shallow usually round dish or bowl for holding liquids.	
Thermometer	A thermometer is an instrument used to measure temperature in degrees Celsius (°C).	Example Today' temperature is 23°C
Funnel	A tool shaped like a cone with a narrow tube at the small end. Funnels are used for pouring something into a small opening.	

Filter Paper	Paper placed in a funnel used to remove dirt or other solids from liquids or gases.	
Test Tube	A tube of thin glass closed at one end used in science experiments.	
Gauze	A piece of science equipment made up of flat pieces of wire placed on a tripod to give a beaker or flask support.	
States of Matter	The three main forms of matter are called solid, liquids and gases. Matter is anything that takes up space and has weight.	Example Solid – chair Liquid – water Gas - air
Solid	Solids have a fixed shape and fixed volume, which means they don't move to fill a container when they're placed in it. They hold their own shape and volume.	Example Bricks Coins Sand Ice
Liquid	Liquids do not have a fixed shape, but they do have a fixed volume. This means they spread out to fill a container when they're placed in it, but they hold their own volume together.	Example Water Honey Blood

°°° ⟨>>>> Gas	Gases do not have a fixed shape or volume. This means they fill a container they're placed in, no matter its size or shape. Gases can be squeezed and compressed into a space.	Example Air Helium Water Vapour
Particles	Particles are tiny bits of matter that make up everything in the universe.	
Compress	To press into less space; squeeze closely together.	

Creative Imedia Assets Images are logos and text information used as part of the digital graphic. Asset **Images** The people who will see, listen or use a creative product. **Audience** An image created from many individual picture elements (pixels). Bitmap Graphics A particular style of presentation associated with a product. **Branding** When an artist is prevented from publishing all or parts of their work. Censorship The way of letting an audience know of the age restrictions and suitability of the content for different audiences. Certification The person, organisation or company that you are producing the work for. Client A document (or statement) that describes in detail what is needed in a product. Requirements

	CMY(K) Cyan, Magenta & Yellow - Primary colours used by printers to produce all possible colours
Primary Colours	
Creative Commons	An agreement where the creator allows use of resources.
Hardware	Devices or equipment used to create products.
277	A particular style of presentation associated with a product.
HouseStyle	
适 Improvements	Ideas that are needed to make the product better.
Intelligectual Properties	A piece of work or invention that could be protected by law.
Mood board	A collection of sample materials and products.
Narrator	The person that tells the story.
Preproduction	Thinking and planning ideas before production

Recce	A visit to a location to get to know the place before production begins (usually for safety checks).
? Research	Getting information to help with the planning of a product.
Resources	The equipment that you will use to create the digital graphics.
Review	Checking the work to make sure it meets the client requirements and quality.
Risk Assessment	Thinking about health and safety.
Royalty Fee	The money the creator gets when their product is used.
Scripts	A piece of written work for a movie, audio, audio-visual product or screenplay.
Secondary Sources	Information that does not come from the source of the information.

Design Technology





Δrt

Abstract art shows what an artist feels and thinks, rather than what he or she sees. Artists create work of real-world objects, people and scenes in a non-lifelike way. An abstract artist uses colours and shapes to express his or her emotions and ideas.







A piece of art made by sticking lots of different materials such as photographs and pieces of paper or fabric on to a backing.

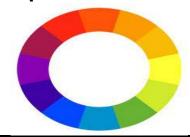
Example





Colour is a part of light which is separated when it is reflected off of an object.

Example





Composition is the term given to a whole piece work of art and to the way in which all its elements work together to produce an overall effect.

Example

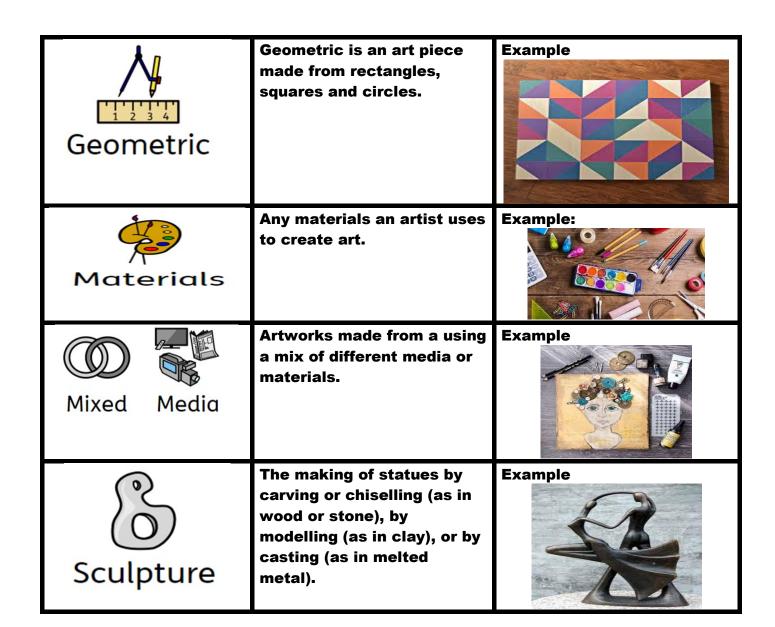




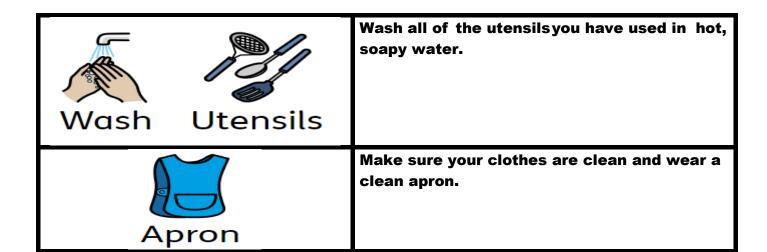
Cubism is a style of painting that was developed in the early 1900s. Cubist paintings show objects from many angles at once. Two main artists, Pablo Picasso and Georges Braque, developed Cubism.

Example





Safety Rules - Food Technology Wash your hands before and after touching food. Wash Hands Read the labels on food products carefully. The label will tell you the safest way to store the product - whether it's in the fridge or in a cool cupboard. Read Labels Wash all fruits and vegetables before eating and preparing and Vegetables Wash Fruit Move carefully in the kitchen -never run. Don't Run Wipe up any spillages straight away. **Spills** Wipe Be careful when using sharp knives or utensils. Be Careful of sharp knives Always use oven mitts to remove hot food and dishes from the stove and oven. Oven Mitts

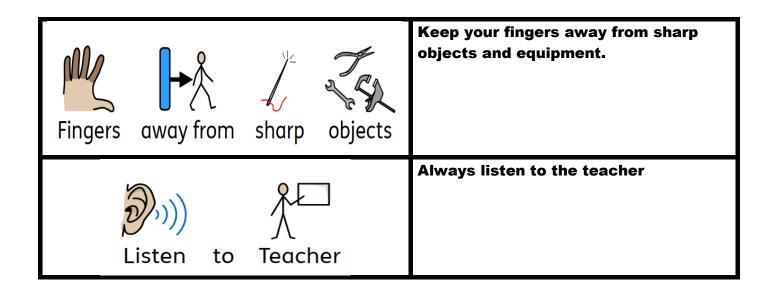


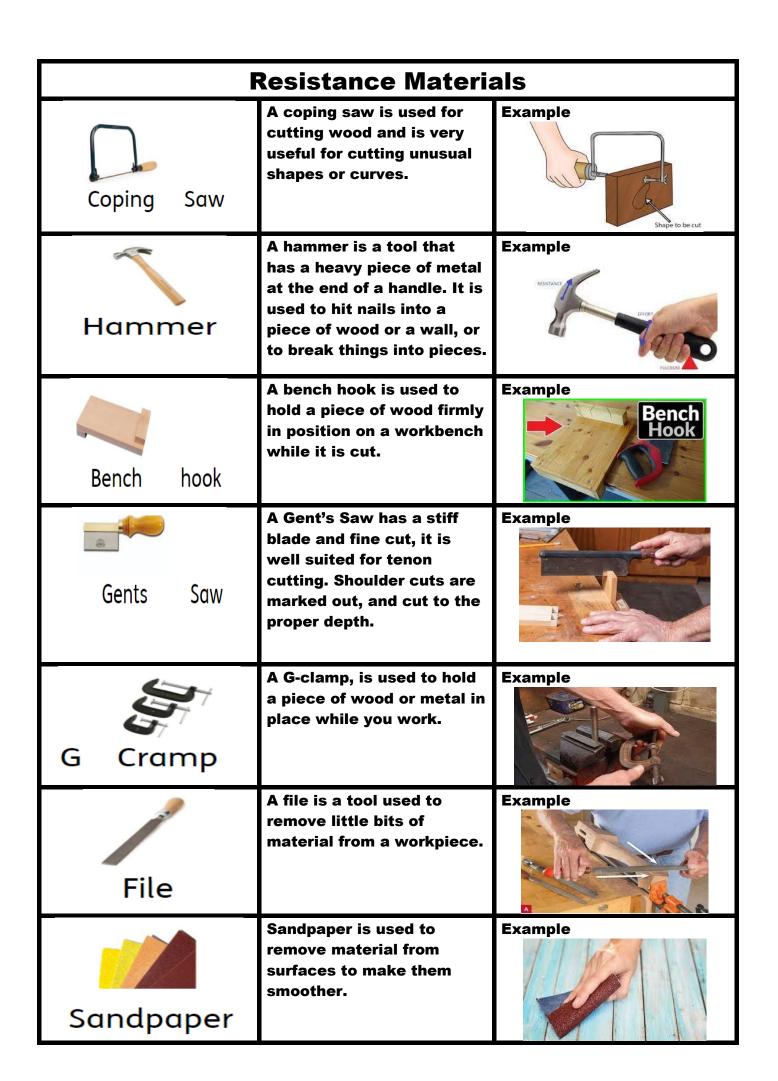
Food Technology			
Organism	A living thing such as a plant, animal or fungus.		
Bacteria	Bacteria are single-celled, or tiny organisms. Bacteria are so small that we need a microscope to see them. Bacteria can be found everywhere, including in the air, on our skin, in the ground, in our bodies, and in nature. Bacteria are living things which need nutrition from their environment.		
Cross-Contamination	Bacteria passing from one surface to another. E.G Mixing raw and uncooked food.		
Ingredients	Items that are added together to make something. For example: flour, eggs, and sugar are the main ingredients in the cake.		
Method	A way of doing something.		
©= → 1= ⇒ 2= → 3= Recipe	A set of instructions to follow to make dishes. A recipe will include the ingredients needed and the method.		
Calculate	To work something out. You could calculate how much time was needed to bake a cake or how much flour was needed for making the cake.		

Weighing	Using weighing scales to work out the right amount of ingredients needed to make a recipe.
Measuring	Using measuring jugs and spoons to work out the right amount of ingredients needed to make a recipe.
Nutrients	Nutrients are important substances you get from food that help your body survive and grow. Nutrients include carbohydrates, proteins, fats, vitamins, and minerals. Proteins help build your body as it grows, while carbohydrates and fats are mainly used for energy. Vitamins and minerals help you stay healthy.
Carbohydrate	Along with proteins and fats, carbohydrates are one of three main nutrients found in foods and drinks. Your body breaks down carbohydrates into glucose. Glucose, or blood sugar, is the main source of energy for your body's cells, tissues, and organs.
Protein	Protein builds, keeps and replaces the tissues in your body. You can get it from yummy foods like eggs, nuts, beans, fish, meat, and milk.
Fats	Fat helps a kid's body grow like it should. Fats fuel the body and help absorb some vitamins. The body also uses fat as fuel. If fats eaten aren't burned off they're stored by the body in fat cells.
Vitamins	Vitamins are nutrients that the body needs to grow and to be healthy. People get most of the vitamins they need from food.

Minerals	Minerals are non-living materials that come from Earth. Minerals found in food are: > Calcium - leafy green vegetables, such as broccoli; > Calcium- like soy milk, orange juice, and cereals > Iron · leafy green vegetables,
Diet	Diet - Balance of nutrients in the food we eat.

Safety Rules – Resistance Materials		
	Always wear safety goggles to protect your eyes when using machines.	
Safety Goggles		
1 Å One Person	Only 1 person allowed on a machine at a time.	
Don't Run	Move carefully and never run.	
Tie hair	Make sure your hair is tied back.	
Tuck Lanyard	Make sure your lanyard is tucked in so that it doesn't get in the way.	
Don't Push	Do not push or touch other people.	
Supervision	Do not use machines or tools without an adult	
Don't blow dust	Do not blow dust	





Fixing Block	These are made from plastic. A bolt passes through the first fitting into the thread of the second. As the bolt is tightened it draws the two fittings together. The pins help keep the fitting straight. This gives a very strong joint and it can be taken apart by using a screwdriver	Example
Forstner Drill Bit	The bit cuts wood very fast when used in a power drill and leaves a clean sided hole.	Example
Bradawl	A bradawl is used for making small holes in wood while woodworking.	Example
Mallet	Wooden mallets are usually used in woodwork to knock wooden pieces together.	Example
Try Square	A try square is a woodworking tool used for marking and checking 90° angles on pieces of wood	Example

Physical Education			
Balance	Balance is the physical steadiness that keeps you on your feet. You balance your weight between both sides of your body.	Example	
Biceps	Your biceps are the large muscles at the front of the upper part of your arms.	Example WITH	
Exercise	Exercise is physical activity to make your body strong and healthy	Example	
Body	The main part of a person, animal, or plant She held her arms tightly against her body	Example	
Energy	Energy is "the ability to do work". Energy is how things change and move. It takes energy to cook food, to drive to school, and to jump in the air. There are different kinds of energy.	Energy and human life Chemical waste - Carbon dioxide - Water - Carbohydrates - Fats - Others - body's "energy currency" Heat Metabolism Heat	
Field	A big piece of grass used for playing.	Example	
Gym	A place where you can go to exercise using machines, weights, and other equipment.	Example	

Gymnastic	Exercises designed to develop strength and coordination. It is also a competitive sport.	Example
Hamstring	Two groups of tendons at the back of the human knee.	Example
Injury	When you hurt or damage a part of your body.	Example
League	A group of sports clubs which play each other over time so that one club can be the winner.	Example
medicine	A drug taken for treatment or to stop a person getting sick. Medicine can be taken as a liquid or as a tablet.	Example
Muscle	A muscle is a group of muscle tissues which pull together to produce a force.	Example
Personal	The definition of personal is about you, related to you or affecting you, and not somebody else.	
Pitch	A pitch is an area of ground that is marked out and used for playing a game such as football, cricket, or hockey.	Example

Quadriceps	The muscle at the front of the thigh.	Example
Squad	A squad is a group of players from which a sports team will be chosen.	Example
Stamia	The ability to going even if it's physically or mentally difficult.	Example
Stretch	Straightening your body, your arms, or your legs so that they are as long as possible. Stretching before sport stops injuries.	Example
Tactic	Tactics are the short-term steps that help you hit smaller goals.	Example
Tournament	A tournament is a sports competition in which players who win a match continue to play further matches in the competition until just one person or team is left.	Example
Triceps	The muscle in the back part of your upper arm.	Example Medial Read Lang Heed
Weight	The weight of a person or thing is how heavy they are, measured in units such as kilograms, pounds, or tons.	Example