

Medium Term Planning

Unit:	Animals including humans
Year Groups:	EYFS, Year 1, Year 2, Year 3, Year 4, Year 5, Year 6

EYFS			
Lesson	Knowledge	Vocabulary	
		Previously taught	New Vocabulary
1	I know the names for head, arms, legs, knee, face, ears, eyes, hair, nose, mouth, teeth . I know where the head, arms, legs, knee, face, ears, eyes, hair, nose, mouth, teeth are on the body .		head, arms, legs, knee, ears, eyes, hair, nose, mouth, teeth, body.
2	I know the names for head, arms, legs, knee, face, ears, eyes, hair, nose, mouth, teeth . I know where the head, arms, legs, knee, face, ears, eyes, hair, nose, mouth, teeth are on the body .	head, arms, legs, knee, ears, eyes, hair, nose, mouth, teeth, body.	
3	I know that animals need food, sleep, exercise and to have good hygiene so that I can explain how humans stay keep healthy . I know what being healthy means. I know that to be healthy you need a balanced diet . I know that to be healthy you need to sleep . I know that to be healthy you need exercise regularly. I know that good hygiene means keeping your body clean.		food, sleep, exercise, hygiene, healthy, diet, body.
4	<i>I know what the five senses are so that I can explore the world around me using my senses.</i> I know that I can use my eyes to see . I know that I can use my hands to touch . I know that I can use my ears to listen to sounds . I know that objects can feel different ways: smooth/rough/bumpy/hard .		Sense, eyes, see, hands, touch, ears, listen, sounds, smooth, rough, bumpy, hard, soft.
5	<i>I know what the five senses are so that I can explore the world around me using my senses.</i> I know that I can use my nose to smell . I know that I can use my tongue to taste . I know that food can taste sweet, sour, bitter or salty . I know that things can smell minty, flowery and sweet .	Senses.	nose, smell, tongue taste, sweet, sour, bitter, salty, minty, flowery, sweet.



Year 1 – Ourselves			
Lesson	Knowledge	Vocabulary	
		Previously taught	New Vocabulary
1	I know that people change as they grow older but often retain recognisable features. I know some of the ways people change over time including their facial features, height and hair .		grow older, change, facial features, height, hair.
2	I know the parts of the body including: head, eyes, ears, mouth, teeth, nose, neck, shoulders, arms, elbows, hands, fingers, chest, legs, knees, feet, toes.	head, eyes, ears, mouth, teeth, nose, arms, legs, knees.	neck, shoulders, elbows, hands, fingers, chest, feet, toes.
3	I know that we hear sounds with our ears . I know that hearing is one of our senses .	Ears, senses.	hear, hearing.
4	I know that we taste with our tongue and that taste is one of our senses . I know that we smell with our nose and that smell is one of our senses . I know that we see with our eyes and that sight is one of our senses . I know that we touch with our skin and that touch is one of our senses .	taste, tongue, smell, nose, see, eyes, touch.	taste senses, sight, skin.
5	I know that we taste with our tongue and that taste is one of our senses . I know that we smell with our nose and that smell is one of our senses . I know that we hear sounds with our ears and that hearing is one of our senses . I know that we see with our eyes and that sight is one of our senses . I know that we touch with our skin and that touch is one of our senses .	taste, tongue, taste senses, smell, nose, see, eyes, sight, touch, skin.	
6	I know that we taste with our tongue and that taste is one of our senses . I know that we smell with our nose and that smell is one of our senses . I know that we hear sounds with our ears and that hearing is one of our senses . I know that we see with our eyes and that sight is one of our senses . I know that we touch with our skin and that touch is one of our senses .	taste, tongue, taste senses, smell, nose, see, eyes, sight, touch, skin	



Year 1 – Our Pets			
Lesson	Knowledge	Vocabulary	
		Previously taught	New vocabulary
1	<p>I know that all animals are living things.</p> <p>I know that animals without a backbone are called invertebrates.</p> <p>I know that minibeasts are invertebrates.</p> <p>I know that animals that live in habitats.</p>		animals, living things, backbone, invertebrates, vertebrates, minibeasts, habitats.
2	<p>I know that all animals are living things.</p> <p>I know that animals without a backbone are called invertebrates.</p> <p>I know that minibeasts are invertebrates.</p> <p>I know that animals that live in habitats.</p>	animals, living things, backbones, invertebrates, vertebrates, habitats.	
3	<p>I know that animals need food in order to survive.</p> <p>I know that animals need water in order to survive.</p> <p>I know that animals need heat in order to survive.</p> <p>I know that animals need shelter in order to survive.</p> <p>I know that animals need care and love in order to survive.</p>	Animals.	food, water, heat, shelter, survive.
4	<p>I know animals can be classified into birds.</p> <p>I know animals can be classified into mammals.</p> <p>I know animals can be classified into fish.</p> <p>I know animals can be classified into amphibians.</p> <p>I know animals can be classified into reptiles.</p> <p>I know animals can be classified into invertebrates.</p>		classified, birds, mammals, fish, amphibians, reptiles, invertebrates, vertebrates.
5	<p>I know a bird is a creature with a covering of feathers.</p> <p>I know a mammal is a creature with fur/hair on its body.</p> <p>I know a fish lives in water and has scales.</p> <p>I know an amphibian can live in the water or on land.</p> <p>I know a reptile is a creature with limbs and scales.</p> <p>I know that an invertebrate is an animals without a backbone.</p>	bird, mammal, fish, amphibian, reptile, invertebrate, vertebrates.	



Year 2 – Healthy Animals			
Lesson	Knowledge	Vocabulary	
		Previously taught	New Vocabulary
1	I know that a hen lays an egg and that a chick can hatch from egg. I know that a baby chick will grow into an adult hen . I know that a chick's feathers will change as they grow their adult feathers . I know that chicks need the right food, water and a warm and clean place to live in order to survive .		hen, egg, chick, hatch, baby chick, adult hen, chick's feathers, change, food, water, warm, clean, survive.
2	I know that babies grow into adults . I know that humans change as they grow into adults .	Change.	Babies, grow, adults, humans.
3	I know that humans have basic needs in order to survive . I know that humans need clean water to stay hydrated. I know that humans need basic food to provide nutrients. I know that humans need shelter to stay warm. I know that humans need to stay clean to survive. I know that humans need air to breathe in order to survive.		basic needs, water, food, shelter, clean, breathe.
4	I know that exercise is important to keep humans healthy . I know that exercise makes the heart work harder. I know that some exercise makes the heart beat fast and some slows it down.		exercise, healthy, exercise, beat.
5	I know that a balanced lunch includes carbohydrates, proteins and fruit and vegetables . I know that a balanced lunch includes more vegetables than other food groups. I know that a balanced lunch includes equal amounts of proteins and carbohydrates. I know that fish, meat, eggs and beans are examples of proteins. I know that pasta, bread, rice and potatoes are examples of carbohydrates. I know that cucumber, pepper and carrot are examples of vegetables . I know that apples, bananas and grapes are examples of fruits .		balanced, vegetables, fruit, fish, meat, eggs, beans, pasta, bread, rice, potatoes, cucumber, pepper, carrot, apples, bananas, grapes.
6	I know that a balanced lunch includes carbohydrates, proteins and fruit and vegetables . I know that a balanced lunch includes more vegetables than other food groups. I know that a balanced lunch includes equal amounts of proteins and carbohydrates. I know that fish, meat, eggs and beans are examples of proteins. I know that pasta, bread, rice and potatoes are examples of carbohydrates. I know that cucumber, pepper and carrot are examples of vegetables . I know that apples, bananas and grapes are examples of fruits .	balanced, vegetables, fruit, fish, meat, eggs, beans, pasta, bread, rice, potatoes, cucumber, pepper, carrot, apples, bananas, grapes.	



Year 3			
Lesson	Knowledge	Vocabulary	
		Previously taught	New Vocabulary
1	<p>I know that our diet is everything that we eat and drink.</p> <p>I know that good nutrition involves consuming the food and drink we need to stay healthy.</p> <p>I know that herbivores only eat plants.</p> <p>I know that carnivores only eat meat.</p> <p>I know that omnivores eat both plants and meat.</p> <p>I know that in a food chain, animals depend on plants and other animals for food.</p>		Diet, good nutrition, healthy, herbivores, carnivores, omnivores, food chain.
2	<p>I know that humans need to eat a balanced diet to stay healthy and have energy.</p> <p>I know that carbohydrates provide us with energy.</p> <p>I know that proteins help our muscles to grow and repair.</p> <p>I know that dairy foods make our bones strong.</p> <p>I know that fats should only be eaten in small quantities.</p> <p>I know that sugars provide a short burst of energy.</p> <p>I know that fruits and vegetables contain minerals and fibre needed to stay healthy.</p>	Diet, healthy, energy, grow, repair, fruits, vegetables.	carbohydrates, proteins, dairy, fats, sugars, minerals, fibre.
3	<p>I know that vertebrates (e.g. a lion) have a backbone.</p> <p>I know invertebrates (e.g. a slug) do not have a backbone.</p> <p>I know that skeletons provide support, protection and movement.</p> <p>I know that vertebrates have a skeleton, skull, ribcage, pelvis and femur.</p> <p>I know that the bones in a skeleton protect organs.</p> <p>I know humans have ball and socket joints.</p> <p>I know humans have hinge joints.</p>	vertebrates, backbone, invertebrates.	skeleton, support, protection, movement, skull, ribcage, pelvis, femur, bones, organs, ball, socket, hinge.
4	<p>I know that muscles are responsible for the movement our bodies make.</p> <p>I know that biceps and triceps work in pairs to bend and straighten arms.</p> <p>I know that muscles are made of tissue that can contract and relax.</p> <p>I know that joints allow movement when our muscles contract and relax.</p> <p>I know that tendons attach muscles to bones.</p>		Muscles, biceps, triceps, muscles, contract, relax, joints, movement, muscles contract, relax, tendons.
5	<p>I know that air moves into our lungs when we breathe in.</p> <p>I know that lung capacity is the amount of air we can hold in our lungs.</p> <p>I know that the diaphragm controls the movement of air into and out of the lungs.</p>		lungs, capacity, diaphragm.
6	<p>I know that animals need a balanced diet so can identify foods containing essential nutrients.</p> <p>I know that some animals have skeletons and muscles and that different types of animal have different types of skeleton or no skeleton at all and I can recognise these animals.</p>	balanced diet, nutrients, skeletons, muscles, movement, support, protection.	



Year 4			
Lesson	Knowledge	Previously taught	New Vocabulary
1	<p>I know that teeth are used for cutting and chewing food.</p> <p>I know that chewing is the first part of the digestive process.</p> <p>I know that molars are flat and they grind and crush food.</p> <p>I know that incisors are shovel shaped and help bite lumps out of food and cut food.</p> <p>I know that canines are pointed for tearing and ripping food.</p> <p>I know that herbivores and carnivores have different teeth because of the foods they eat.</p>	Teeth, herbivores, carnivores.	digestive, molars, incisors, canines.
2	<p>I know that the digestive system is made up of the mouth, teeth, oesophagus, stomach, small intestine, large intestine, rectum and anus.</p> <p>I know that the digestive system begins with the mouth and teeth, where food is chewed.</p> <p>I know that saliva is mixed with food which helps to break it up.</p> <p>I know that when food is small enough to be swallowed, it is pushed down the oesophagus by muscles to the stomach.</p> <p>I know that in the stomach food is broken down further.</p> <p>I know that food then moves to the small intestine where nutrients are absorbed.</p> <p>I know that the leftover food then passes to the large intestine.</p> <p>I know that the food then passes to the rectum where muscles turn it into faeces.</p> <p>I know that when food is pushed out of the anus it is called excretion.</p>	mouth, teeth, muscles.	Digestive system, oesophagus, stomach, small intestine, large intestine, rectum, anus, saliva, excretion.
3	<p>I know that the digestive system is made up of the mouth, teeth, oesophagus, stomach, small intestine, large intestine, rectum and anus.</p> <p>I know that molars are flat and they grind and crush food.</p> <p>I know that incisors are shovel shaped and help bite lumps out of food and cut food.</p> <p>I know that canines are pointed for tearing and ripping food.</p>	digestive system, mouth, teeth, oesophagus, stomach, small intestine, large intestine, rectum, anus, canines, incisors, molars.	
4	<p>I know that herbivores are animals that feed on plants</p> <p>I know that carnivores are animals that feed on meat and fish</p> <p>I know that omnivores are animals that feed on both plants and animals.</p> <p>I know that animals have adaptations to their digestive systems depending on their diet.</p>	herbivores, carnivores, omnivores, digestive system, diet.	
5	<p>I know that a food chain shows the order in which living things depend on each other for food.</p> <p>I know that a producer is a green plant that produces nutrients by photosynthesis.</p> <p>I know that prey is an animal that is caught hunted and eaten by other living things.</p> <p>I know that a predator is an animal that hunts, catches and eats other living things.</p>	herbivore, carnivore, omnivore.	Food chain, producer, nutrients, photosynthesis, prey, predator, primary consumers, secondary consumers.



	<p>I know that herbivores are animals that feed on plants</p> <p>I know that carnivores are animals that feed on meat and fish</p> <p>I know that omnivores are animals that feed on both plants and animals.</p> <p>I know that animals can be primary consumers or secondary consumers.</p>		
6	<p>I know that the digestive system is made up of the mouth, teeth, oesophagus, stomach, small intestine, large intestine, rectum and anus.</p> <p>I know that herbivores are animals that feed on plants</p> <p>I know that carnivores are animals that feed on meat and fish</p> <p>I know that omnivores are animals that feed on both plants and animals.</p> <p>I know that prey is an animal that is caught hunted and eaten by other living things.</p> <p>I know that a predator is an animal that hunts, catches and eats other living things.</p>	<p>Digestive system, mouth, teeth, oesophagus, stomach, small intestine, large intestine, rectum, anus.</p>	



Year 5			
Lesson	Knowledge	Previously Taught	New Vocabulary
1	<p>I know that a gestation period is the length of time a mammal spends in its mother's womb.</p> <p>I know that a foetus is created when a sperm and egg fuse together.</p> <p>I know that a life cycle describes the stages in a human's life from birth to old age.</p>		gestation period, foetus, sperm, egg, life cycle.
2	<p>I know that a gestation period is the length of time a mammal spends in its mother's womb.</p> <p>I know that a foetus is created when a sperm and egg fuse together.</p> <p>I know that a life cycle describes the stages in a human's life from birth to old age.</p> <p>I know that a foetus develops in the uterus.</p>	gestation period, foetus, sperm, egg, life cycle.	Uterus.
3	<p>I know that a baby goes through a rapid period of growth and this is measured in milestones.</p> <p>I know that a baby grows into a child.</p>		baby, child.
4	<p>I know that adolescence is when the body starts to change and prepare itself for adulthood.</p> <p>I know that teenagers experience puberty, which is the changes that happen in the body because of hormones.</p> <p>I know that some of the changes during puberty include growth, height, mood swings, more sweat, hair growth on legs, arms under the armpits and on genitals and growth of parts of the body such as male genitals and female breasts.</p> <p>I know that early adulthood is normally the time when reproduction happens.</p>		adolescence, teenagers, puberty, adulthood, reproduction.
5	<p>I know that aging is the process that happens from adulthood to old age.</p> <p>I know that the elderly may have grey or white hair, wrinkled skin, thinning hair, they will be weaker than they were in adulthood.</p>		old age, aging, elderly.
6	<p>I know that aging is the process that happens from adulthood to old age.</p> <p>I know that the elderly may have grey or white hair, wrinkled skin, thinning hair, they will be weaker than they were in adulthood.</p>	aging, old age, elderly.	



Year 6			
Lesson	Knowledge	Previously Taught	New Vocabulary
1	<p>I know that blood is pumped around the body through blood vessels, arteries, veins and capillaries.</p> <p>I know that oxygen, carbon dioxide, nutrients and water are transported around the body in the blood.</p> <p>I know that there are three types of blood vessel: arteries, veins and capillaries.</p> <p>I know that the heart is the organ that pumps blood around the body.</p>		Blood vessels, veins, arteries, blood, capillaries, oxygen, carbon dioxide, nutrients, water, heart, pump.
2	<p>I know that the circulatory system is made up of the heart, lungs and blood vessels.</p> <p>I know that blood is pumped around the body through blood vessels, arteries veins and capillaries.</p> <p>I know that</p> <p>I know that exercise requires more blood to pump around the body to provide more oxygen to muscles.</p> <p>I know that the heart is the organ that pumps blood around the body.</p>	Circulatory system, heart, blood vessels, blood, arteries, veins, capillaries, pump, oxygen.	lungs, exercise.
3	<p>I know that we need nutrients and water to function.</p> <p>I know that water enters the blood system by osmosis.</p> <p>I know that diffusion is the process of movement from an area of high concentration to an area of low concentration.</p> <p>I know that blood transports oxygen, nutrients, water to all parts of the body.</p> <p>I know that the circulatory system removed unwanted things from cells, such as CO2.</p>	nutrients, water, oxygen.	osmosis, diffusion, Co2.



<p>4</p>	<p>I know that the heart pumps blood around the body. I know that the blood carries nutrients, water and oxygen around the body. I know that blood vessels carry oxygen around the body and I know that arteries carry blood away from the heart. I know that veins carry blood towards the heart. I know that diffusion is how nutrients travel across capillary walls. I know that osmosis is how water is transported across capillary walls. I know that a stronger heart will beat slower than a weaker heart.</p>	<p>blood, nutrients, water, oxygen, blood vessels, arteries, heart, veins, diffusion, osmosis.</p>	<p>Heart pumps blood,</p>
<p>5</p>	<p>I know what processed foods are and I can identify them. I know that children should have at least one hour of exercise each day. I know what's included in a healthy diet.</p>	<p>exercise, healthy diet .</p>	
<p>6</p>	<p>I know that smoking cigarettes and drinking alcohol can be harmful to our bodies and health. I know the effects of alcohol on the body. I know the effects of drugs on the body. I know that alcohol and drugs can be addictive and can lead to diseases.</p>		<p>alcohol, drugs, addictive, diseases.</p>