

### Science 2021/22



## Year 1 Key Skills

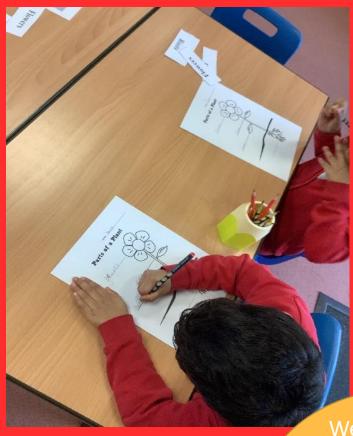
basic structure of a variety of common flowering plants, including trees.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem Leaf Roots Alive Shoot  Including materials including movo, plastic, glass, metal, wod, plastic, glass, metal, woter and rock.  Describe the weather in Autumn, Winter, Spring and Summer.  Describe the simple common animals that are carnivores, herbivores and omnivores.  Key Vocab: Growing Stem Leaf Roots Alive Properties — Not living Alive Properties — Not living Basic body  Not living Basic body  Alive Properties — Not living Basic body  Alive Properties — Not living Basic body  Alive Basic bo	Plants	Living Things and their habitats	Everyday materials	Seasonal change	Working Scientifically
basic structure of a variety of common animals including, fish, amphibians, plants, including trees.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, and soots Alive possible to maintee the physical and body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, omnivore. Alive possible the physical properties of a variety of everyday materials.  Key Vocab: Key Vocab: Carnivore, herbivore, omnivore. Alive possible the physical properties of a variety of everyday materials.  Key Vocab: Key Vocab: Carnivore, herbivore, omnivore. Alive paper Stem herbivore, omnivore. Roots Alive paper Not living hard, soft, Sense bendy, Basic body  Seasons of everyday materials including wood, plastic, glass, metal, wood, plastic, glass, metal, the four seasons.  Describe the weather in Autumn, Winter, Spring and Summer.  Describe the weather in Autumn, Winter, Spring and Summer.  Collect simple data and talk about the results.  Collect simple about the results.  Very Vocab: Seasons of Observe Seasons of Observe Sort Spring Record Autumn Identify Winter Group Compare	'	Identify and	Identify and	Observe	Ask simple
of a variety of common flowering plants, including trees.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem Leaf Roots Alive Pshoot Living Possor Poot Invited Pshoot Living Photos Poot Poot Invited Pshoot Living Psonse Basic body  animals including wood, plastic, glass, metal, water and nows, metal, glastic, glass, metal, wood, plastic, glass, metal, some wather in Autumn, and identifying an classifying.  Collect simple data and talk about the results.  Collect simple data and talk about the results.  Collect simple data and talk about the results.  Exervoday materials.  Key Vocab: Key Vocab: Key vocab: Materials — wood, plastic, metal, fabric, paper Autumn lidentify  Sont Sense bendy, absorbent.	describe the	name a variety		changes across	questions and
common flowering plants, including amphibians, mammals, reptiles and birds.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, and some sense herbivore, sense sense living Properties — Not living Sense Sen	basic structure	of common	of everyday	the four	recognise that
flowering plants, including trees.  amphibians, mammals, reptiles and birds.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, Alive Sense Boot Shoot  Identifying an classifying and Summer.  Describe the weather in Autumn, Winter, Spring and Summer.  Collect simple data and talk about the results.  Properties of a variety of everyday materials.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Materials — weather in Autumn, Winter, Spring and Summer.  Collect simple data and talk about the results.  Veryday materials.  Key Vocab Seasons Observe Materials — Seasons Months Sort  Sort Spring Record Autumn Identify  Sense Bendy, Basic body  Autumn Carnivore, Spring Autumn Identify  Winter Group Compare	of a variety of	animals	materials	seasons.	they can be
plants, including trees.    plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including trees.   plants, including and summer.   plants, including and Summer.   Collect simple data and talk about the results.   properties of a variety of everyday materials.   properties of a variety of everyday materials.   plants, including and Summer.   Collect simple data and talk about the results.   properties of the human body and say which body part is associated with each sense.   plants, including trees, plants,	common	including, fish,	including		answered in
trees.  reptiles and birds.  rock.  Describe the simple physical properties of a carnivores, herbivore, and body and say which body part is associated with each sense.  Key Vocab: Growing Stem Herbivore, Describe the simple physical properties of a variety of everyday materials.  Key Vocab: Growing Stem Herbivore, Describe the simple physical properties of a variety of everyday materials.  Key Vocab: Growing Stem Herbivore, wood, plastic, metal, fabric, paper Roots Alive Shoot Living Not living Sense Basic body  Winter and Winter, Spring and Summer.  Collect simple data and talk about the results.  Collect simple data and talk about the results.  Key Vocab: Variety of Varie	flowering	amphibians,	wood, plastic,	Describe the	different ways.
birds.  Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, omnivore.  Stem herbivore, omnivore.  Stem herbivore, omnivore.  Leaf omnivore.  Roots Alive pasic body  birds.  Describe the simple physical apout the results.  Collect simple data and talk about the results.  Collect simple physical apout the results.  Collect simple data and talk about the results.  Collect simple physical apout the results.  Seasons work seasons of the human body and say which body part is associated with each sense.  Key Vocab: Carnivore, Materials — Seasons Observe Sort Months Sort Months Sort Record Identify Properties — Autumn Identify Shoot  Living Properties — Winter Group Compare	plants, including	· ·	glass, metal,	weather in	
Identify and name some common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Stem herbivore, omnivore.  Leaf omnivore.  Roots Alive pasic body  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Carnivore, Materials — wood, plastic, metal, fabric, Spring Record Identify Properties — Autumn Identify Shoot  Living Properties — Winter Group Compare Sense bendy, absorbent.	trees.	reptiles and	water and		Identifying and
name some common physical properties of a variety of everyday materials.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, herbivore, omnivore. Stem herbivore, compired to minimum paper paper Shoot Living Properties — Not living Sense Basic body absorbent.  simple physical about the about the about the results.  data and talk about the results.  key Vorab results.  key Vocab warriety of everyday materials.  key Vocaby waterials.  key Vocab Key Vocab Seasons Observe Months Sort Spring Record Autumn Identify Summer Compare		birds.	rock.		classifying.
common animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, omnivore. Leaf Roots Alive Shoot Living Not living Sense Basic body Physical properties of a variety of everyday materials.  Revorday materials.  Key Vocab Key Vocab Key Vocab: Key Vocab: Materials — wood, plastic, metal, fabric, paper Not living Not living Sense Bendy, Basic body  Ausumn About the results.  Aleve results.		Identify and	Describe the		Collect simple
animals that are carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, herbivore, omnivore. Roots Alive paper Not living Shoot Living Not living Sense Basic body  animals that are variety of variety of everyday materials or variety of everyday materials.  Revorday  results.  Rey Vocab Key Vocab Severyday  materials.  Key Vocab Seasons Observe Materials or Seasons Observe Months Sort Spring Record Autumn Identify Winter Group Compare Sense bendy, absorbent.		name some	simple		data and talk
carnivores, herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, herbivore, comnivore. Leaf Roots Alive Shoot Living Not living Sense Basic body  Variety of everyday materials.  Key Vocab  Key Vocab  Key Vocab  Key Vocab: Key Vocab:  Key Vocab  Key Vocab  Key Vocab  Key Vocab  Seasons Observe Months Sort Spring Record Autumn Identify Winter Group Compare		common	physical		about the
herbivores and omnivores.  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Materials — Seasons Stem herbivore, wood, plastic, Leaf omnivore. Roots Alive paper Autumn Not living hard, soft, Summer Sense bendy, absorbent.		animals that are	properties of a		results.
Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Herbivore, Stem Leaf Roots Alive Shoot Living Not living Not living Sense Basic body  Identify Namer  Key Vocab Key Vocab: Key Vocab: Key Vocab: Key Vocab: Key Vocab Key Vocab: Seasons Observe Months Sort Spring Record Autumn Identify Winter Summer Compare		carnivores,	variety of		
Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Stem Leaf Roots Alive Shoot Living Not living Sense Basic body  Identify name, draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Key Vocab Key Vocab Seasons Observe Months Sort Spring Record Roots Alive Properties — Winter Group Compare		herbivores and	everyday		
draw and label the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Stem herbivore, Leaf Roots Alive Shoot Living Not living Sense		omnivores.	materials.		
the basic parts of the human body and say which body part is associated with each sense.  Key Vocab: Growing Carnivore, Materials — Seasons Observe Stem herbivore, wood, plastic, Leaf omnivore. Roots Alive paper Shoot Living Properties — Not living hard, soft, Sense Basic body  Winter Compare		Identify name,			
of the human body and say which body part is associated with each sense.  Key Vocab: Key Vocab: Key vocab: Key Vocab Growing Carnivore, Materials — Seasons Observe Stem herbivore, wood, plastic, Months Sort Leaf omnivore. metal, fabric, Spring Record Roots Alive paper Autumn Identify Shoot Living Properties — Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.		draw and label			
body and say which body part is associated with each sense.  Key Vocab: Growing Stem herbivore, Leaf Roots Alive Shoot Living Not living Not living Sense Basic body  Key Vocab: Key Vocab: Key Vocab Key Vocab Key Vocab Seasons Observe Materials – Seasons Months Sort Months Sort Record Autumn Identify Syring Not living Not living Sense Bendy, Basic body  Autumn Compare		the basic parts			
which body part is associated with each sense.  Key Vocab: Growing Stem Leaf Roots Alive Shoot Living Not living Sense Basic body  With each sense.  Key Vocab: Key Vocab: Key Vocab: Key Vocab Seasons Seasons Observe Months Sort Spring Record Autumn Identify Winter Summer Compare		of the human			
is associated with each sense.  Key Vocab: Key Vocab: Key vocab: Key Vocab: Growing Carnivore, Materials — Seasons Observe Stem herbivore, wood, plastic, Months Sort Leaf omnivore. metal, fabric, Spring Record Roots Alive paper Autumn Identify Shoot Living Properties — Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.		body and say			
Key Vocab:     Key Vocab:     Key Vocab:     Key Vocab:     Key Vocab:       Growing     Carnivore,     Materials —     Seasons     Observe       Stem     herbivore,     wood, plastic,     Months     Sort       Leaf     omnivore.     metal, fabric,     Spring     Record       Roots     Alive     paper     Autumn     Identify       Shoot     Living     Properties —     Winter     Group       Not living     hard, soft,     Summer     Compare       Sense     bendy,       Basic body     absorbent.		which body part			
Key Vocab:     Key Vocab:     Key Vocab:     Key Vocab:       Growing     Carnivore,     Materials –     Seasons     Observe       Stem     herbivore,     wood, plastic,     Months     Sort       Leaf     omnivore.     metal, fabric,     Spring     Record       Roots     Alive     paper     Autumn     Identify       Shoot     Living     Properties –     Winter     Group       Not living     hard, soft,     Summer     Compare       Sense     bendy,       Basic body     absorbent.					
Growing Stem herbivore, wood, plastic, Months Sort Leaf omnivore. metal, fabric, Spring Record Roots Alive paper Autumn Identify Shoot Living Properties — Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.					
Stem herbivore, wood, plastic, Months Sort Leaf omnivore. metal, fabric, Spring Record Roots Alive paper Autumn Identify Shoot Living Properties - Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.					
Leaf omnivore. metal, fabric, paper Autumn Identify Shoot Living Properties - Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.	_				
Roots Alive paper Autumn Identify Shoot Living Properties - Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.					
Shoot Living Properties - Winter Group Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.					
Not living hard, soft, Summer Compare Sense bendy, Basic body absorbent.				l	
Sense bendy, Basic body absorbent.	Shoot	_		l	
Basic body absorbent.		_		Summer	Compare
		I	**		
I narts I		·	absorbent.		
		parts.			
Healthy		Healthy			

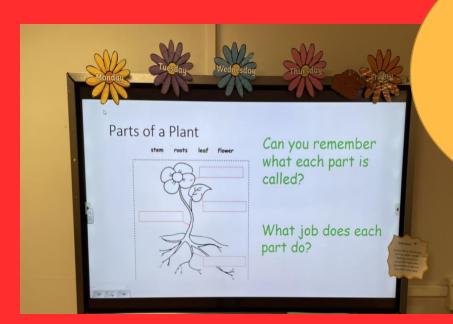


### January 2022

We have been investigating the different parts of a plant, and learning what special job each part does. We looked at real plants and identified the <u>root</u>, <u>stem, leaf</u> and <u>flower/ petal.</u>

We then used what we had learned to write labels.





We have been recalling and practicing what we have learned in morning learning jobs, when we arrive at school.

Working scientifically:
Collect simple data
and talk about the
result.

The children made predictions about what would happen when they added vinegar to bicarbonate of soda. They talked about how it 'grew', 'bubbled' and 'fizzed'.





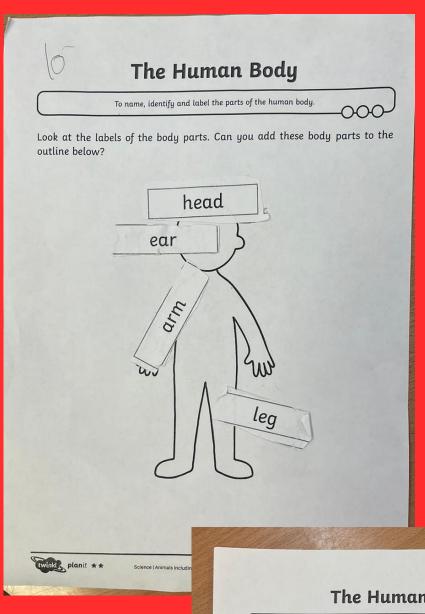


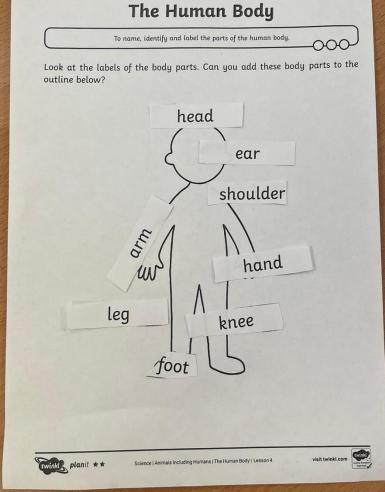
May 2022: Identifying and classifying animals into carnivores, herbivores, omnivores





# June 2022: We have learnt to identify and label the different human body parts



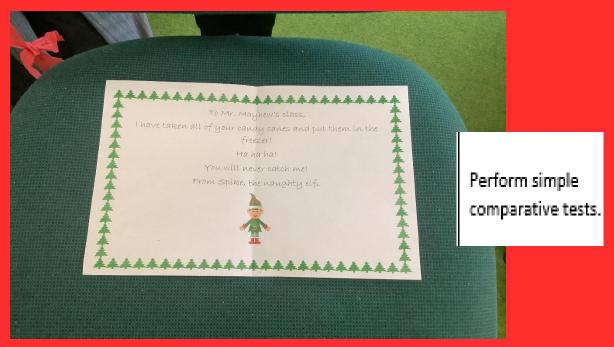




## Year 2 Key Skills

	their habitats			Working
	their nabitats	materials	change	Scientifically
Identify and name	Describe the basic	Identify and		Ask simple
a variety of plants	needs of animals,	compare the		questions and
and animals in their	including	suitability of a		recognise that they
habitats, including	humans, for	variety of		cap be answered in
micro habitats	survival (water,	everyday		different ways,
	food and air)	materials,		including use of
	<i>'</i>	including wood,		scientific language
	Describe the	metal, plastic,		from the national
	importance for	glass, brick, rock,		curriculum.
	humans of	paper and		
	exercise, eating	cardboard for		Identify, group and
	the right amounts	particular uses.		classify.
	of different types			
	of food, and			
	hygiene.			Perform simple
				comparative tests.
	Identify that most			
	living things live			Uses his/hers
	in habitats to			observations and
	which they are			ideas to suggest
	suited and			answers to
	describe how			questions noticing
	different habitats			similarities,
	provide for basic			differences and
	needs of different			patterns.
	kinds of animals			
	and plants, and			
	know that they			
	depend on each			
	other.			
Key Vocab:	Key Vocab:	Key vocab:	Key Vocab	Key Vocab:
Habitat	Shelter	Materials – wood,		Observe
Reproduce	Healthy/	plastic, metal,		Sort
	Unhealthy	fabric, paper,		Record
	Food chain	rock, carboard,		Identify
	Life cycle	brick		Classify
		Properties – hard,		Compare
		soft, bendy,		Diagram
		absorbent,		Equipment
		waterproof,		
		twisting,		
		stretching.		

During our STEM day we had a message from a naughty elf. We used five different methods to melt the ice. The warm water was the quickest.









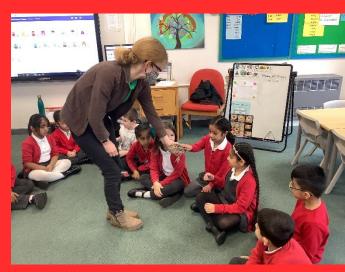




Kristan from Lion Learners brought in some of her animals to show us. She taught us about the basic needs of animals. They need air, water and food.

She also taught us the difference between things being alive, dead or never alive.











#### Living Things and their habitats

Describe the basic needs of animals, including humans, for survival (water, food and air)