Y1 Medium Term Plan Autumn 2

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|  | Science | Humanities | RE | Computing |
| Theme | **Theme: Animals Including Humans****Key skills:*** Ask simple questions and recognise that they can be answered in different ways.
* Observe closely using simple equipment.
* Perform simple tests.
* Identify and classify objects and organisms.
* Gather and record data to help in answering questions.
* Using their observations and ideas to suggest answers to questions.

**Key knowledge:** * identify and name animals when they see pictures of them: fish, amphibians, reptiles, birds and mammals.
* identify and name a variety of common animals that are carnivores, herbivores and omnivores: carnivores eat meat only- lion, bear, snake, crocodile, lizard. Herbivores eat plants only- cow, rabbit, goat, deer. Omnivores eat plants and meat- human beings, crow, dog, sparrow.
* describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets): mammals- warm blooded, live on land and in water, hair or fur, endoskeletons, give birth to live young and feed them milk. Amphibians- cold-blooded, live on land and in water, moist skin, webbed feet, endoskeletons, lay eggs. Reptiles- cold-blooded, land and in water, scales, earholes, dry skin,endoskeletons except tortoises, lay eggs. Fish-cold blooded, live in water, fins, gills, endoskeletons, lay eggs. Birds- warm- blooded, land and water, feathers, wings, beaks, endoskeletons, lay eggs.
* identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense: head, ear (hearing), eyes (sight), nose (smelling), mouth (tasting), teeth, shoulder, hand, fingers, thumb, knee, leg, foot, toes, skin (touching)
 | **Theme: Local Area****Key skills:**•Use simple compass directions (North, South, East and West) and locational and directional language (near, far, left, right.) to describe map features and routes. •Use aerial photos and maps to recognise landmarks and basic physical features: roads, houses, shops, religious buildings, schools.* devise a simple map, with basic symbols in a key: climbing frame, bins, benches, tables, classroom, shed.)

•Use simple fieldwork and observational skills to study the geography of their school, grounds and the surrounding area- to go on a local walk following a map of the local area.•Use basic geographical vocabulary to refer to: river, city, town, shop, office, factory, house, flat. * To understand and read basic weather forecasts-sunny, windy, rainy, cold, snowy, hot, stormy.
* Being able to visibly identify: trees, grass, flowers, soil and plants.

**Key knowledge** * The weather associated with the seasons: sunny, windy, rainy, cold, snowy, hot, storms.
* locational and directional language (near, far, left, right.)
* Playground vocabulary: climbing frame, bins, benches, tables, classroom, shed.
* Basic geographical vocabulary to refer to: roads, houses, shops, religious buildings, schools.
* Definition of human features- relating to or characteristic of humankind
* Definition of physical- natural features of the world.
* To know physical characteristics of a town trees, grass, flowers, soil and plants.
* To know simple compass directions (North, South, East and West) and locational and directional language (near, far, left, right.) to describe map features and routes.
* Definition of key- uses symbols, colors, or lines to represent important places or landmarks on a map.
* To be able to recognise symbols on a map: roads, houses, shops, religious buildings, schools, grass.
 | **Theme: The Christmas Story****Key skills*** To talk about something that is special to me.
* To reflect on my feelings.
* To empathise with others.
* To retell a story.
* To suggest what would be suitable for someone else using discernment.

**Key knowledge** * The story of Christmas- Jesus was born in Bethlehem to Mary and Joseph. He is the son of God. He is described as a king and a saviour. He was born in a manger inside an inn on Christmas day. The three wise men visited Jesus and gave him gifts, gold, frankincense and myrrh.
* To know what physical things a baby needs- milk, clothes, nappies, cot.
* To know what gifts symbolise royalty- gold, crowns, jewels, staff, throne.
* To know positive feelings: joy, gratitude, hope, awe, happiness, optimism, excitement, fulfilled.
* To use positive adjectives to describe gifts: useful, precious, special, valuable, enjoyable
 | Purple Mash Unit 1.5 - Maze Explorers Key Skills;* Create a simple algorithm
* Able to debug a simple algorithm
* To be able to use the direction keys - forwards, backwards, left and right, diagonal, back

 Key Knowledge;* To understand the functionality of the basic direction keys - forwards, backwards, left and right
* Know what algorithm means (set of instructions)
* Know what debug means (find error and fix it)
* Know what error means (mistake)
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| Week 1 | **L.O- To identify describe the structures of mammals, birds and fish.****Key skills*** Identify and classify objects and organisms.

**Key knowledge**:* Fish-cold blooded, live in water, fins, gills, endoskeletons, lay eggs.
* Birds- warm- blooded, land and water, feathers, wings, beaks, endoskeletons, lay eggs.
* mammals- warm blooded, live on land and in water, hair or fur, endoskeletons, give birth to live young and feed them milk.
 | **LO: To identify seasonal weather patterns in London.** **Key skills** **●**To understand and read basic weather forecasts-sunny, windy, rainy, cold, snowy, hot, storms**.** **Key knowledge:**The weather associated with the seasons: sunny, windy, rainy, cold, snowy, hot, storms.  | **LO: To explain why a gift is special to me.****Key skills*** To talk about something that is special to me.
* To reflect on my feelings.

**Key knowledge** * To know positive feelings: joy, gratitude, hope, awe, happiness, optimism, excitement, fulfilled.
 | LO: To use direction keys Key Skills:* To be able to use the direction keys - forwards, backwards, left and right
* Can add a unit of measurement e.g go 2 left
* Can undo last move
* Can move back to starting point

Key Knowledge: * To understand the functionality of the basic direction keys - forwards, backwards, left and right
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| Week 2 | **L.O- To identify and describe the structures of amphibians and reptiles.****Key skills*** Identify and classify objects and organisms.

**Key knowledge**:* Amphibians- cold-blooded, live on land and in water, moist skin, webbed feet, endoskeletons, lay eggs.
* Reptiles- cold-blooded, land and in water, scales, earholes, dry skin,endoskeletons except tortoises, lay eggs.
 | **LO: To draw and label a map of our playground.****Key skills*** devise a simple map, with basic symbols in a key for climbing frame, bins, benches, tables, classroom, shed.

**Key knowledge** * Definition of key- uses symbols, colors, or lines to represent important places or landmarks on a map.
 | **LO: To decide on a gift for a friend and explain its significance.** **Key skills*** To reflect on my feelings.
* To empathise with others.
* To suggest what would be suitable for someone else using discernment.

**Key knowledge** * To know positive feelings: joy, gratitude, hope, awe, happiness, optimism, excitement, fulfilled.
* To use positive adjectives to describe gifts: useful, precious, special, valuable, enjoyable
 | LO: To debug a set of instructions Key Skills:* Pupils can use diagonal direction keys to move the characters in the right direction.
* Can create a simple algorithm.

Key Knowledge:* Know what algorithm means (set of instructions)
* Know what debug means (find error and fix it)
* Know what error means (mistake)
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| Week 3 | **L.O- To describe and identify carnivores and herbivores.****Key skills*** Identify and classify objects and organisms.

**Key knowledge*** carnivores eat meat only- lion, bear, snake, crocodile, lizard.
* Herbivores eat plants only- cow, rabbit, goat, deer.
 | **LO: To use a map to physically explore landmarks in Clapham.****Key skills**•Use simple fieldwork and observational skills to study the geography of their school, grounds and the surrounding area - to go on a local walk following a map of the local area.* To use maps to recognise parts of the local area: roads, houses, shops, religious buildings,schools, grass.

**Key knowledge** * To be able to recognise symbols on a map: roads, houses, shops, religious buildings, schools, grass.
 | **LO: To orally retell the beginning of the Christmas story.****Key skills*** To retell a story.

**Key knowledge** * The story of Christmas- Jesus was born in Bethlehem to Mary and Joseph. He is the son of God. He is described as a king and a saviour. He was born in a manger inside an inn on Christmas day. The three wise men visited Jesus and gave him gifts, gold, frankincense and myrrh.
 | LO: To know the ter algorithm Key Skills:* Use additional directional keys e.g. diagonal and back

Key Knowledge:* Know what algorithm means (set of instructions)
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| Week 4 | **L.O- To describe and identify omnivores and revise the difference between carnivores and herbivores.****Key skills*** Identify and classify objects and organisms.

**Key knowledge**:* Omnivores eat plants and meat- human beings, crow, dog, sparrow.
* carnivores eat meat only- lion, bear, snake, crocodile, lizard.
* Herbivores eat plants only- cow, rabbit, goat, deer.
 | **LO: To identify human features of Clapham.** **Key skills:**•Use simple fieldwork and observational skills to study the geography of their school, grounds and the surrounding arearemember what they saw on the local walk. •Use basic geographical vocabulary roads, houses, shops, religious buildings, schools. **Key knowledge**● Basic geographical vocabulary to refer to: roads, houses, shops, religious buildings, schools. ● Definition of human features- relating to or characteristic of humankind  | **LO: To orally retell the middle and end of the Christmas Story.****Key skills*** To retell a story.

**Key knowledge** * The story of Christmas- Jesus was born in Bethlehem to Mary and Joseph. He is the son of God. He is described as a king and a saviour. He was born in a manger inside an inn on Christmas day. The three wise men visited Jesus and gave him gifts, gold, frankincense and myrrh.
 | LO: To create a background Key Skills:* To change the background of a program
* To create challenges for peers

Key Knowledge: * To identify icons to change backgrounds (can touch on icons now if needed)
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| Week 5 | **L.O- To investigate which body parts are responsible for each sense.****Key skills*** Ask simple questions and recognise that they can be answered in different ways.
* Observe closely using simple equipment.
* Perform simple tests.
* Gather and record data to help in answering questions.
* Using their observations and ideas to suggest answers to questions.

**Key knowledge**:* say which part of the body is associated with each sense: ear (hearing), eyes (sight), nose (smelling), mouth (tasting)
 | **LO: To identify physical characteristics of Clapham** **Key skills** •Use simple fieldwork and observational skills to study the geography of their school, grounds and the surrounding area remember what they saw on the local walk. ● Being able to visibly identify: trees, grass, flowers, soil and plants. **Key knowledge** **●** Definition of physical natural features of the world. ● To know physical characteristics of a town trees, grass, flowers, soil and plants. | **LO: To empathise with Jesus’ family and gift givers.****Key skills*** To empathise with others.

**Key knowledge** * The story of Christmas- Jesus was born in Bethlehem to Mary and Joseph. He is the son of God. He is described as a king and a saviour. He was born in a manger inside an inn on Christmas day. The three wise men visited Jesus and gave him gifts, gold, frankincense and myrrh.
 | Use this lesson to complete work or practice skill further with blank 2code and children apply skills  |
| Week 6 | **L.O- To label the parts of the human body.****Key skills*** Identify and classify objects and organisms.

**Key knowledge**:* identify, name, draw and label the basic parts of the human body: head, ear, eyes, nose, mouth, teeth, shoulder, hand, fingers, thumb, knee, leg, foot, toes, skin
 | **LO: To use compass directions to describe the locations of landmarks on a map.****Key skills**•Use simple compass directions (North, South, East and West) and locational and directional language (near, far, left, right.) to describe map features and routes. **Key knowledge** * To know simple compass directions (North, South, East and West) and locational and directional language (near, far, left, right.) to describe map features and routes.
 | **LO: To design a modern gift box for Jesus.****Key skills*** To empathise with others.

**Key knowledge** * The story of Christmas- Jesus was born in Bethlehem to Mary and Joseph. He is the son of God. He is described as a king and a saviour. He was born in a manger inside an inn on Christmas day. The three wise men visited Jesus and gave him gifts, gold, frankincense and myrrh.
* To know what physical things a baby needs- milk, clothes, nappies, cot.
 | Use this lesson to complete work or practice skill further with blank 2code and children apply skills  |