Autumn

Autumn 1 - Toys

Literacy:

Instructions - sandwich (1 week)

Toy Story

Character description - Woody (1 week)
Setting description - Pizza Planet (2 weeks)
Character description - Buzz (1 week)
Setting description - Fair in Dogger (1 week)

Maths:

<u>YR1 -</u>

Place Value (3 weeks) Addition (2 weeks) Subtraction (2 weeks)

Subtraction

<u>YR2 -</u>

Place Value (3 weeks)
Addition and Subtraction (4 weeks)

History: Toys from the Past

- 1. To know the chronology of different toys.
- 2. To compare Victorian and modern toys.
- 3. To compare early 20th $\it Century$ and modern toys.
- 4. To compare late 20th Century and modern toys.
- 5. To know how toys have changed over time.
- 6. To know why toys have changed over time.

Trip: Teddy Bear picnic. Linford Wood habitat visit. St Andrew's Church

Science:

YR1 - Everyday Materials

- 1. Identify and name a variety of everyday materials. (wood, glass, metal, rock, plastic, brick, fabric, wool, card, paper)
- 2. To distinguish between an object and the material from which it is made.
- 3. To describe properties of materials.

(hard/ soft, bendy/ stiff, flexible, strong/ weak, rough/ smooth, shiny/ dull)

Seasonal changes - Autumn.

- 4. To identify the 4 seasons in the year.
- 5.. To describe autumn weather in relation to clothes suitable for autumn.
- 6. To describe the changes to plants, trees and animals in autumn.

YR2 - Living Things and Habitats

- To identify and classify things that are alive, dead and never lived.
- 2. To name plants and animals in a familiar habitat Urban, coast and Pond.
- 3. To name plants and animals in a familiar habitat Woodland (visit a local woodland)
- 4. To identify and describe microhabitats.
- 5. To name plants and animals in an unfamiliar habitat (polar, desert, ocean, rainforest)
- 6. To identify food chains in different habitats

RE: Places of Worship

- 1. To know why people visita place of worship.
- 2. To recognise a place of worship and know they can be found in different places.
- 3. To know features of a church.
- 4. To know the features of a church service.
- 5. To know features of a synagogue.
- 6. To know the features of a Jewish service.

DT: Moving Toys

- 1. To know how a simple winding mechanism works.
- 2. To know what makes a simple winding mechanism work.
- 3, To know how to choose the right materials and tools.
- 4. To know how to use design criteria.
- 5. To know how to create a system of simple axles.
- 6. To know how to create a product from a design.

PSHE: Managing change and transition

- 1. Identify shared experiences
- 2. Understand strengths and areas for improvement
- 3. Explore simple goal setting
- 4. Identify changes and how they make you feel
- 5. Recognise the process of growing young to old
- 6. Understand needs and responsibilities change as you grow

Music: YR1 - Ourselves - Exploring Sounds

- 1. To create and respond to vocal sounds
- 2. To explore how to change sounds
- 3. To explore descriptive sounds, and create and place vocal and body percussion sounds

Number - Beat

- 4. To recognise and develop a sense of steady beat using voices and body percussion
- 5. To Identify and perform changes in tempo
- 6. To identify and keep a steady beat using movement, body percussion and instruments

Music: YR2 - Ourselves - Exploring Sounds

- 1. To create and respond to vocal sounds and body persuasion
- 2. To develop the use of vocal sounds to express feelings, notating pitch shape and duration using simple line graphics
- 3. To understand the structure of call and response songs

Toys - Beat

- 4. To know how to keep a steady beat at different speeds
- 5. To develop a sense of steady beat through chant, actions and instruments
- 6. To perform a steady beat and changing tempo and responding to images

Computing: YR1 - mouse, keyboard and typing

- 1. To know how to use a mouse.
- 2. To know how to drag objects around on screen.
- 3. To know how to start and manipulate apps and windows.
- 4. To know how to save and open a file.
- 5. To know how to type a sentence.
- 6. To know how to copy and paste.
- 7. To know how to use a word processor to create writing.

Computing: YR2 - Basic word processing

- 1. To know how to place typing on the page.
- 2. To know how to change the case of letters.
- 3. To know how to format text.
- 4. To know how to cut, copy and paste text.
- 5. To know how to arrange and organise text around other content.
- $6\,$ and 7. To know how to create a document using a word processor (2 sessions).

Autumn

Autumn 2 - The Circus

Literacy:

Non Fiction Text - Circus (2 weeks)

Retelling Paddington at the Circus (1 week)

Non Fiction Text - Circus (1 week) Letter from Paddington (2 weeks) Instructions - clown toy (1 week)

Maths:

YR1 -

Shape (1 week)

Place Value (4 weeks)

Addition and Subtraction (1 week)
Problem Solving (1 week)

<u> YR2 -</u>

Money (2 weeks)
Multiplication (2 weeks)
Length and Height (1 week)

Place Value (1 week)

Geography - Aerial Photography

- 1. To be able to use compass points to navigate around a map
- 2. To interpret aerial photographs and represent key features on a plan.
- 3. To identify human and physical features on an aerial photo.
- 4. To identify similarities and differences between different location using aerial photos.
- 5. To know how to represent key human features on a map.

Trip: Circus Day - Splats Circus

Science:

YR1 - Everyday Materials

- 1. To investigate the properties of materials. (waterproof and absorbent)
- 2. To sort materials based on their properties.

Hard and soft/ Bendy and stiff

3. To sort materials based on their properties.

Rough and smooth/ shiny and dull Seasonal changes - Winter

4. To describe weather in winter in relation to clothing suitable for winter.

- 5. To describe the changes to plants, trees and animals in winter.
- 6. To know that daylight hours are shorter in winter than in summer.

YR2 - Uses of Everyday Materials

- 1. To know how everyday materials are used.
- 2. To identify properties of materials
- 3. To identify and explain the suitability of materials.
- 4. To identify and compare the suitability of materials. Best materials for a teddy bear.
- 5. To investigate how some materials can be changed.
- 6. To investigate materials Best material for an acrobat's costume (flexible, stretchy, twisting)

RE: The celebration of Christmas and Hanukkah

- To understand how Hanukkah is celebrated by Jewish people.
- 2. To understand the importance of light to the celebration of Hanukkah.
- 3. To understand how Christmas is celebrated by Christians.
- 4. To understand why gifts are given at Christmas.
- 5. To understand the similarities and differences between how Christmas and Hanukkah are celebrated.

DT: Stuffed Clown

- 1. To evaluate designs against design criteria.
- 2. To make decisions about a design based on preferences.
- 3. To know how to cut material.
- 4. To know how to use a running stitch (Yr1) and backstitch (Y2).
- 5. To know how to fix and stitch a pattern.
- 6, To finish and decorate a pattern to match a design.

PSHE: Behaviour

- 1. Understand what is fair and unfair
- 2. Explore what it means to be kind and unkind
- 3. Identify what is right and wrong (link to school rules)
- 4. Understand that own behaviour affects others
- 5. Explore consequences to behaviour (link to school rules)
- 6. Recognise and use strategies to solve simple arguments

Music: YR1 - Animals - pitch

- 1. To understand pitch, and making high and low vocal sounds
- 2. To understand pitch by singing a song with contrasting high and low melodies
- 3. To explore and develop an understanding of pitch using voice and body movements

Weather - exploring

- 4. To explore and control dynamics (volume), duration and timbre with voices, body percussion and instruments
- 5. To control duration and dynamics using voices, body persuasion and instruments
- 6. To identify a sequence of sounds (structure) in a piece of music

Music: YR2 - Our land - exploring sound

- 1. To explore timbre and texture to understand how sounds can be descriptive
- 2. To listen to and identify contrasting sections of descriptive music
- 3. To rehearse and refine to develop a performance, and evaluate a composition

Our bodies - beat.

- 4. To recognise and respond to a steady beat and a rhythm ostinato pattern
- 5. To recognise, respond and play steady beats at different tempi
- 6. To perform rhythmic patterns to a steady beat on percussion

Computing: YR1 - Digital painting and art

- 1. To know how to select and change colours.
- 2. To know how to select and change tools.
- 3. To know how to use the undo and redo buttons.
- 4. To know how to create shapes and patterns.
- 5. To know how to select, copy and paste.
- 6. To know how to create sequential pictures for a story.

Computing: YR2 - Introduction to Scratch and Animation

- 1. To know how a repeat block works.
- 2. To know how to use a repeat to make an algorithm.
- 3. To know how to repeat parts of an algorithm.
- 4. To know what a conditional is.
- 5. To know how to use selection within algorithms.
- 6. To use logic to fix (debug) code.

Spring

Spring 1 - Florence Nightingale

Literacy:

Florence the Drummer Boy

Character Description - Billy (2 weeks)

Letter from Billy (1 week) Newspaper Report - Florence Day (2 weeks)

Hoorah for Mary Seacole Retell (1 week)

Maths:

YR1 -

Addition and Subtraction (2 weeks)

Length and Height (2 weeks)
Place Value (2 weeks)

YR2 -

Division (2 weeks) Statistics (2 weeks) Shape (2 weeks)

History: Florence Nightingale

- 1. To know who Florence Nightingale was.
- 2. To understand how Florence Nightingale changed hospitals.
- 3. To know how to compare Victorian hospitals to modern hospitals.
- 4. To know who Mary Seacole was and order the important events in her life.
- 5. To understand how Mary Seacole overcame challenges.

Science:

YR1 - Scientific Enquiry

- To know how to record results – making sandcastles
- To know how to make a prediction (bendy/ flexible)
- 3. To know how to record results (waterproof material)
- 4. To know how to record results

(smoothest material)

5. To carry out an investigation (hardest material)

YR2 - Animals inc Humans -Ourselves

- 1. To identify 5 different food groups.
- 2. To identify when a meal is balanced.
- 3. To identify how we can keep ourselves clean.
- 4. To investigate what happens if we don't wash our hands. (bread)
- 5. To investigate what happens when we sneeze.
- 6. To understand the impact of exercise on our bodies.

RE: Festivals

- 1. To know about the Jewish New Year celebration Rosh Hashanah.
- 2. To understand why Yom Kippur is important to Jewish people and how it is celebrated.
- 3. To understand why Sukkot is important to Jewish people and how it is celebrated.
- 4. To understand why Shavuotis important to Jewish people and how it is celebrated.
- 5. To understand how and why Passover is important to Jewish people and how it is celebrated.

DT: Stained Glass Windows

- 1. To explore images of stained-glass windows.
- 2. To design a stained-glass window.
- 3. To create a background of a stained-glass window using tissue paper.
- 4. To add details to a stained-glass window.
- 5. To evaluate a stained-glass window.

PSHE: Respect for Self and Others

- 1. Identify the similarities and differences between people
- 2. Know how to show respect for others' similarities and differences
- 3. Understand the role of feedback to support others
- 4. Identify the special people in your life and what makes them special
- 5. Understand how to judge when physical contact is acceptable (comfortable) and unacceptable (uncomfortable)
- 6. Know how to respond if physical contact is unacceptable (link to helping hands)

Music: YR1 - Machines - beat

- 1. To sequence sounds then play and maintain a steady beat
- 2. To play a steady beat and at different speeds
- 3. To play a steady beat and control changes in speed Seasons pitch
- 4. To identify changes in pitch and respond to them with movement
- 5. To relate changes to graphic symbols and performing pitch changes vocally
- 6. To listen and respond to a falling pitch signal

Music: YR2 - Animals - pitch

- 1. To identify and respond to changes in pitch, upwards and downwards $\,$
- 2. To understand and perform upwards and downwards pitch direction $% \left(1\right) =\left(1\right) \left(1\right)$
- 3. To play pitch lines on tuned percussion, combing pitch change with changes in other elements/dimensions

Number - beat

- 4. To understand and differentiate between beat and rhythm
- 5. To perform simple rhythms using movement and percussion
- $6.\, To perform a steady beat and simple rhythms using movement and body percussion$

Computing: YR1 - Unplugged algorithms

- 1. To know what an algorithm is.
- 2. To know how algorithms are used.
- 3. To know how to organise information to create algorithms.
- 4 and 5. To know how to break down something into different parts for coding.(2 Sessions)

Computing: YR2 - Simple Scratch Game

- 1. To know that selection is used to make things happen.
- 2. To know how to use selection to create algorithms.
- 3. To know how to use a repeat block.
- 4. To know how to use a repeat block to create a loop.
- 5. To debug code so it works as intended.
- 6. To digitally share work and feedback with other users.

Trip: Florence Day Pantomime

Spring

Spring 2 - Space

Literacy:

Non Fiction Text - the Moon (2 weeks) Newspaper Report - Moon

Landings (1 week)
Diary based on JL advert (1 week)

The way back home Retell (2 weeks)

Maths: YR1 –

Place Value (1 week)
Weight and Volume (2 weeks)
Multiplication and Division (1
week)

<u> YR2 -</u>

Shape (1 week)
Fractions (2 weeks)
Problem Solvingand methods
(1 week)

Geography: Hot and Cold areas of the world

- 1. To locate the equator, the North Pole and South Pole
- 2. To know how to use a world map to identify hot and cold countries.
- 3. To identify weather associated with hot and cold countries
- 4. To identify clothing suitable for different climates.
- 5. To identify animals associated with different climates.
- 6. To understand the impact humans have on the weather.

Science:

YR1 - Animals inc Humans

- 1. To identify, name and label different parts of the human body.
- 2. To know which body parts are associated with each sense
- 3. To identify senses on a walk.

 Seasonal Changes Spring

4. To describe weather in spring in relation to clothing suitable for

spring.

5. To describe the changes to plants, trees and animals in spring.

YR2 - Scientific Enquiry

- 1. Sweets and hands bigger the hand the more sweets you can pick up.
- 2. What would be the most suitable material for a waterproof jacket? Charles Macintosh.
- 3. What type of paper would be best for making a shopping bag? Link to sustainability Margaret Knight
- 4. Can people with the longest legs run the fastest?
- 5. The larger the feet, the taller the person investigation.

RE: Easter and Lent

- 1. To understand that some people celebrate new beginnings.
- 2. To understand the story of Easter.
- 3. To understand how Christians prepare for Easter (Lent).
- 4. To understand how Christians celebrate Easter.

Art: Space Art

- 1. To explore the work of Alma Thomas.
- 2. To understand how to create secondary colours from primary colours.
- 3. To develop painting techniques in the style of Alma Thomas.
- 4. To design and create the background of an Alma Thomas inspired space painting.
- 5. To add detail to and finish an Alma Thomas inspired space painting.

PSHE: Belonging to different groups and communities

- 1. Understand the ways they are unique and know what they have in common with others.
- 2. Identify which groups they belong to.
- 3. To identify the people in the community who look after them and how to contact them (999)
- 4. Know how they contribute to the life of the classroom and school $% \left\{ 1,2,\ldots ,n\right\}$
- 6. To construct class rules

Music: YR1 - our school - exploring sounds

- 1. To explore different sound sources and materials
- 2. To analyse the dynamics and duration of sounds around the school and explore these on instruments
- 3. To create a soundscape as part of a song performance pattern beat
- 4. To mark a steady beat with voices and body percussion
- 5. To explore different ways to emphasise the first beat in a repeating pattern or metre
- 6. To explore different ways to emphasise beats to form a group (metre)

Music: YR2 - story time - exploring sounds

- 1. To combine sounds to create a musical effect
- 2. To explore voices to create descriptive musical effects
- 3. To combine sounds to create a musical effect and perform to an audience

Seasons - pitch.

- 4. To sing with expression, paying attention to the pitch shape of the melody
- 5. To identify rising and falling pitch
- 6. To listen and respond to pitch changes with movements

Computing: YR1 - Online Safety

- 1. To know how the internet can be used.
- 2. To know rules that can keep you safe on the Internet.
- 3. To know what information is personal.
- 4. To know how to identify people who are trustworthy.
- 5. To know what cyberbullying is.
- 6. To know the main ideas in online safety.

Computing: YR2 - Computers and Technology

- 1. To recognise information technology around us.
- 2. To know what a computer is.
- 3. To know that computers can be connected in a network.
- 4. To know the basic functions of a computer.
- 5. To know the different parts of a tablet device.
- 6. To know how to login to a computer and access shared folders.
- 7. To know how to keep safe online.

Trip: N/A

Summer

Summer 1 - Beatrix Potter

Literacy:

Tale of Peter Rabbit

Letter from Peter (2 weeks)
Instructions planting veg (1 week)
Own dilemma (1 week)
Instructions - camomile tea (1

Maths: YR1 –

week)

Multiplication and Division (2 weeks)

Fractions (2 weeks)

YR2 -

Problem Solving and methods (2 weeks)

Time (2 weeks)

History: Local Study - Great Linford

- 1. To know where Great Linford is and what makes it a historical place.
- 2. To know facts about St Andrew's Church.
- 3. To know the history of Linford Manor.
- 4. To know the chronology of Sir William Prichard's life.
- 5. To know facts about the brick kilns.
- 6. To know the history of the local transport.

Trip: Planting Storyteller visit

Science:

YR1 - Plants

- 1. To identify the parts of a common flowering plant
- 2. To identify parts of different trees.
- 3. To identify and name common wild plants.
- 4. To identify and name common garden plants.
- 5. To identify and name different types of trees (deciduous and evergreen)

YR2 - Plants

- 1. To observe how bulbs and seeds grow over time.
- 2. To understand the difference between a seed and a bulb.
- 3. To observe plants and trees in our local area
- 4. To understand what every plant needs to grow.
- 5.To record results of an investigation

RE: Clothing

- 1. To understand how clothing can be a symbol of belonging.
- 2. To identify clothing worn by Vicars.
- 3. To identify the clothing worn by a Rabbi.
- 4. To identify clothing/jewellery worn by Christians.
- 5. To identify clothing/jewellery worn by Jews.
- 6. To identify clothing worn at special Jewish and Christian celebrations.

Art: Summer Tiles

- 1. To explore the work of William Morris.
- 2. To create observational drawings of flowers.
- 3. To etch a pattern into a foam tile.
- 4. To etch the background into a foam tile.
- 5. To print a repeated floral design.

PSHE: Influences on Health and Wellbeing

- 1. Identify and recognise feelings
- 2. Explore good feelings and not so good feelings and group them explaining choices
- 3. Explore strategies for managing feelings.
- 4. Understand their responsibility for their own health and how to be hygienic
- 5. Identify how diseases spread
- 6. Explore strategies to prevent the spread of disease

Computing: YR1 - Programming sound

- 1. To know how to combine code to make algorithms.
- 2. To know how to create a pattern in an algorithm.
- 3. To be able to suggest code to complete patterns.
- 4. To know how to loop a pattern in an algorithm.
- 5. To be able to use multiple code patterns in a program.

Music: YR1 - Story time - exploring sounds

- 1. To understand how music can tell a story
- 2. To create music that matched an event in a story by playing fast, slow, loud and guiet
- 3. To rehearse and perform with others

Our bodies - beat

- 4. To perform a steady beat at two different speeds
- 5. To identify a repeated rhythm pattern and combine this with a steady beat
- 6. To perform rhythm pattern on body percussion to a steady beat

Music: YR2 - Weather - exploring sounds

- 1. To perform a rhythmic chant and play an independent rhythm pattern to accompany it
- 2. To perform an updated version of a traditional nursery rhyme with a rap section included
- 3. To compose music to illustrate a story

Pattern - beat.

- 4. To play different patterns of steady beat within four beats, and matching to a simple score
- 5. To perform and create simple three-beat rhythms using a simple score
- 6. To interpret a score to perform different beat patterns with voices and percussion

Computing: YR1 - Programming sound

- 1. To know how to combine code to make algorithms.
- 2. To know how to create a pattern in an algorithm.
- 3. To be able to suggest code to complete patterns.
- 4. To know how to loop a pattern in an algorithm.
- 5. To be able to use multiple code patterns in a program.

Computing: YR2 - Using technology to create

- 1. To know what devices can be used to take pictures and videos.
- 2. To know that a digital camera makes pictures into a computer file (digital media).
- 3. To know how to take a good digital photograph.
- 4. To know how to organise images from a digital camera on a computer.
- 5. To know how to use images in a document.
- 6. To know how to resize and reposition images on a page.

Summer

Summer 2 - Meerkats

Literacy:

Non-Fiction - Meerkats (2 weeks) Diary entry - Meerkat Mail (1 week)

Persuasion - visit Kenya (2 weeks) Poetry on meerkats (1 week)

Maths:

YR1 -

Place Value (1 week)

Time (2 weeks)

Position and Movement (1 week)

YR2 -

Position and direction (2 weeks) Mass, capacity and temperature (3 weeks)

Investigations (1 week)

Geography: Comparing Kenya/ Maasai Mara

- 1. To understand where Kenya is on a variety of maps.
- 2. To identify similarities and differences between weather in Kenya and the UK.
- 3. To identify the physical and human features in Kenya and how these compare with the UK.
- 4. To understand the importance of national parks. (Comparing the Maasai Mara and the Lake District)
- 5. To know how village life in Kenya compares to village life in the UK.

Trip:

Woburn/Animal Encounter Visit

Science:

YR1 - Animals inc Humans

- 1. To identify and name different types of animals.
- 2. To be able to identify some of the different parts of an animal.
- 3. To be able to identify and name herbivores, omnivores and carnivores.

Seasonal Changes - Summer

- 4. To describe weather in summer in relation to clothing suitable for summer.
- 5. To describe the changes to plants, trees and animals in summer.
- 6.To know that daylighthours are longer in summer than spring.

YR2 - Animals inc Humans

- 1. To identify different animals and their offspring (pets and some farm animals)
- 2. To identify different animals and their offspring (wild animals)
- 3. To identify the life cycle of a duck
- 4. To identify the life cycle of a chicken
- 5. To identify what animals need to survive.
- 6. To know how to care for a chicken

RE: Ceremonies and Special Events

- 1. To identify what is a special event.
- 2. To understand how Christians celebrate birth.
- 3. To understand how Jews celebrate birth.
- 4. To understand how Christians celebrate marriage.
- 5. To understand how Jews celebrate marriage.
- ${\bf 6}.$ To understand the importance of Bar mitzvah for Jewish people

DT: Kenyan Food

- 1. To know how recipes are influenced by the place they come from.
- 2. To make choices about a design using preferences. (Vegetables/herbs/spices)
- 3. To know how to use a small knife to cut and chop.
- 4. To know how to follow a recipe.
- 5. To know how to evaluate a design using criteria. 6. To know how to suggest relevant alternatives to a design.

PSHE: Respecting and Protecting the Environment

- 1. Understand the differences between local, natural and built environments.
- 2. Identify features of local environment and local issues (litter, pests etc)
- 3. Identify healthy and unhealthy environments
- 4. Explore what helps and harms the environment
- 5. Identify what the natural environment (plants animals) needs to survive.
- 6. Explore strategies on how to care for the environment

Music: YR1 - Travel - performance

- 1. To combine voices, movement and instruments to perform a chant and a song
- 2. To keep a steady beat on instruments and create word rhythms
- 3. To play and combine simple word rhythms

Water - pitch

- 4. To create a picture in sound
- 5. To understand musical structure by listening and responding
- 6. To perform a simple repeated pattern

Music: Yr2 - Travel - performance

- 1. To understand pitch through singing, movement and note names
- 2. To understand melody through songs, movement and performing pitch shapes on tuned instruments
- 3 To explore and develop an understanding of pitch and use musical scales

Water - pitch

- 4. To explore patterns of physical movement in a game song
- 5. To combine steady beat and rhythms to accompany a song
- $\ensuremath{\mathsf{6}}.$ To prepare and improve a performance using movement, voice and percussion

Computing: YR1 - Creating algorithms

- 1. To know how to code to draw simple shapes.
- 2. To know how to use a repeat command to draw simple 2d shapes.
- 3. To know how to loop instructions to draw 2d shapes.
- 4. To know how to use nested repeat commands to draw patterns.
- 5. To know how to use functions.

Computing: YR2 - Digital Literacy Project

- 1. To know how to create and save a document.
- 2. To know how to collect information from the (worldwide) web.
- 3. To know how to use an app to create an illustration for a document
- 4. To know how to add image file to a text document.
- 5 To know how to edit and format a document