### Year 6 Art -

#### **Beatriz Milhazes - Lino Prints**

### Term 2

### **Key Vocabulary**

Critique

Evaluate in a detailed and analytical way.

#### Perspective

A particular attitude towards or way of regarding something.

#### Dimension

A way to describe an objects form.

#### Lino carving

Cutting an image into a block of lino to create a print.

#### **Block printing**

Printing patterns by means of an engraved object.









### Sticky Knowledge

Hatching and dots, shape and texture, halftones and outlines when creating lino prints.

Beatriz Milhazes is a Brazilian collage artist and painter known for her landscapes and vibrant colours.

# <u>Links to Previous</u> <u>Learning</u>

EYFS - Experiment with different textures and materials.

Year 1 - Using printing techniques with colour, patterns and texture.

Year 4 - William Morris –an artist who is also inspired by nature.

Year 5 - Appreciating different art styles from a variety of artists.





# **Year 6 - Computing**

# Term 2

### **Key Vocabulary**

Logical

The sequence of operations performed by hardware or software.

#### **Similarity**

A similar feature or aspect.

#### Variable

A data item that may take on more than one value during the runtime of a programme.

#### Output

A place where power or information leaves a system.

#### Deconstruct

Splitting a variable value into parts and sorting them into new variables.









### Sticky Knowledge

There are over 700 programming languages.

The first computer virus,
Creeper, was created in 1971
by Bob Thomas.

# **Program-**

## <u>Links to Previous</u> <u>Learning</u>

EYFS - Digital images through Purple Mash.

Year 2 - Robot algorithms.

Year 3 - Sequencing sounds.



### Year 6 - DT

# Term 2









### **Key Vocabulary**

#### Pulley

A grooved wheel over which a drive belt can run.

Shaft

A rotating rod.

#### **Drive Belt**

The belt which connects and transfers movement between two pulleys.

#### Bearing

This holds the shaft into position whilst allowing it to rotate.

#### **Series Circuit**

A circuit with only one possible path for the current.

**Short Circuit** 

# **Electron-**

# **Links to Previous Learning**

EYFS - Toys with different mechanisms.

Year 2 - Making a moon buggy with mechanisms.



### Sticky Knowledge

A prototype is a test, or original, model of a product or a technology from which improvements, upgrades or fundamental changes can be made.

Designers evaluate their finished products to test whether the product works well, meets the initial design aims and whether



# Year 6 Geography -Biomes: Grassland, De-

### Term 2







# <u>Links to Previous</u> <u>Learning</u>

R- features of their own environment.

Year 1/2 - locate all seven Biomes and compare each one.

Year 3/4 - label and classify different types of mountains.

#### **Key Vocabulary**

#### Desert

A large dry area of land with little vegetation.

#### Climate

Average weather conditions in a specific area.

#### Grassland

Area of land where grasses are the dominant plant life.

#### **Tundra**

A treeless eco system.

#### Conserving

To keep and protect something from damage, change or waste.



Due to climate change, the world has warmed up which as effected people and animals in different ways.

Maps are an effective tool in showing patterns in climate zones, land use, population densities and height of land.





# **Year 6 - History**

#### WW2 and comparing changes

### Term 2









### **Key Vocabulary**

#### Invasion

An occasion when an army or country uses force to enter and take control of another country.

Foe

An enemy

#### D-day

The day during WW2 when the Allies began their invasion of Europe by attacking the coast of Northern France.

#### **Implications**

An occasion when you seem to suggest something without saying it directly.

#### Repercussions

The effect that an action, event or decision



There were significant differences between home life in World War 1 and World War 2.

D-Day was the biggest invasion by sea that has ever been attempted.

D-Day did not put an end to the war, but it was a significant turning point.

# <u>Links to Previous</u> <u>Learning</u>

Year R- to understand cause and consequence of conflict.

Year 1/2— To describe why a significant individual acted they way they did and what happened as a result.

Year 3/4—Describe and distinguish dates and key vocabulary.

Year 5 - WW1



# Year 6 - Music

**Digital Arrangements for an expressive piece** 

of music

### Term 2

### **Key Vocabulary**

Crescendo

Gradual increase in volume.

Decrescendo

Gradual decrease in volume.

Legato

Smooth and flowing music.

Staccato

To play notes in a short, detached manner.

#### **Dynamics**

tells performers how loud or soft to play, creating a range from very quiet (pianissimo) to very loud (fortissimo).

#### Tempo

The speed at which a passage of music is or should be played.

Melody



#### Sticky Knowledge

Expressive music encourages the listener to feel the music through a variety of musical techniques.

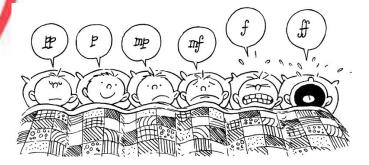
Crescendo in music is a gradual increase in volume.

Legato is music that is smooth and flowing.

## <u>Links to Previous</u> <u>Learning</u>

EYFS - Symbols and music to tell a story.

Year 2 - Exploring sounds through rhythm.



# Year 6 RE - Gospel

# Term 2







# <u>Links to Previous</u> <u>Learning</u>

**EYFS** - Incarnation

Year 1 - What do Christians believe God is like?

### Key Vocabulary

Gospel

The teaching or revelation of Christ.

#### Parable

A simple story used to illustrate a moral or spiritual lesson.

#### Betrayal

An act of deliberate disloyalty.

#### Spiritual

Relating to religion or religious belief.

#### **Absolution**

Formal release from guilt, obligation or punishment.

# Sticky Knowledge

The Gospel's purpose is to persuade people to acknowledge Jesus as Lord and become his disciple.

The phrase 'What would Jesus do?' (WWJD) became popular in the United States in the early 1900s.



# **Year 6 - Science**

# Term 2

### Elec-

# tricity

### **Key Vocabulary**

#### Circuit

A complete and closed path around which a circulating electric current can flow.

#### **Battery**

A cell where chemical energy is converted into electricity and used as a source of power.

#### Series

A number of events, objects of a similar kind coming one after another.

#### Current

A flow of electricity from the ordered directional movement of electrically charged particles.

#### Resistance

The stopping effect exerted by one material on another.









### Sticky Knowledge

Lightening is caused by the discharge of electricity in the atmosphere.

Electricity was first discovered in 600BC.

# <u>Links to Previous</u> <u>Learning</u>

EYFS - Exploring electricity.

Year 1 - Identifying and grouping materials.

Year 4 - Simple circuits.

