



Feel the Force

Children will be learning about different types of forces, and using this theme as a vehicle for creative, literacy and knowledge and understanding



KUW

Science

Compare how things move on different surfaces

Notice that some forces need contact between two objects, but magnetic forces can act at a distance

Observe how magnets attract or repel each other and attract some materials and not others

Compare and **group together** a variety of everyday materials on the basis of whether they are attracted to a magnet, and **identify** some magnetic materials

Describe magnets as having two poles

Predict whether two magnets will attract or repel each other, depending on which poles are facing.

Outdoor learning Science:

Compare how things move on different surfaces

To recognise what forces are acting in the forest.

History

To find out about people in history who have influenced our lives today

To recall historic information

To interpret a range of sources of evidence and record relevant information in a variety of ways

To use dates and historic vocabulary to communicate their knowledge and understanding

Geography

To study a local area (Sunderland)

To research and describe its trade links

RE - Unit 2.7 What do Hindus believe God is like?

See separate planning

ONGOING MUSIC Y4 ukuleles through music ensemble with county.

English Non Chronological reports (4 weeks)

Week 1

ICT- How can text be added to multiple slides?

Science - What forces are at work?

Science— How does weight effect gravity?

Week 2 -

ICT— How can the back ground be altered to suit the purpose?

8th November —SUNDERLAND GLASS CENTRE

Geography- Why does Sunderland have glass as it's trade?

Science— How is glass made using forces?

Week 3 and 4

WB: 13th November—Interfaith week

ICT— How can fonts be changed and altered?

Art- What skills and features are used in glass art?

Science - How do forces act in water?

18th November- Children in need

ICT— How can images be added and aligned?

Art - What skills and features can be used to create glass art?

Science—What are forces measured in?

Week 5 and 6

Narrative—Character focus (4 weeks)

ICT— How can transitions be added between slides?

DT- What forces are in action at a theme park?

Science- How does air resistance act against gravity?

ICT— How can effects be used with sounds?

DT—What forces would you use to create a fairground ride?

Science How can forces help to solve scientific problems?

Week 7 and 8

ICT— How can keynote be used to create a pattern?

DT— What tools and techniques are needed to create your fair-ground ride?

DT- How does weight have an effect on gravity?

ICT— How can keynote be used to create a repeating pattern?

Art / DT—Christmas Card making

Science— How are forces acting in the forest?

Creative Development

Art and Design

To record from first hand experiences and observations

To apply their different experiences of materials and processes

To compare ideas, methods and approaches and give their opinions

To experiment appropriately using colour, texture, line and tone and give reasons for their choices

To investigate different glass artists and replicate techniques in their own work.

DT

To generate and develop ideas, select appropriate materials and plan how they will make their design

To measure, mark out and combine components and materials accurately

To reflect on the progress of their work and identify ways they could improve their design and product

Music (Y4)

To follow a steady beat

To understand the different of pitch

To understand how music is written down

To learn and perform a given tune on the ukelele

Numeracy

Year 3:

Will be learning about the four operations and focussing on:

Add and subtract 1 / 10 / 100

Adding two numbers with and without an exchange

Complements to 100

Estimating numbers

Inverse operations

Multiplication as equal groups

Using arrays

Multiplying and dividing by 2, 3, 5 and 10

Multiplying and dividing by 4 and 8

Year 4:

Will be learning about the four operations and focussing on:

Add and subtract 1, 10, 100 and 1000

Add and subtract two 4 digit numbers with/without an exchange

Estimating answers

Checking strategies

Multiples of 3

Multiplying and dividing by 6, 9 and 7

11 and 12 time stable and division facts

Multiples by 1 and 0

Dividing a number by 1 and itself

Multiplying three numbers

Key

Outside environment

Multiculturalism

Arts

Arts specific learning (Y3):

Art: To improve their mastery of techniques including drawing, painting and **sculpture** with a range of materials eg: pencil, charcoal, paint and **clay**.

KS1 techniques to master: colour, pattern, texture, line, shape, **form** and **space**.

PSED—Health and Wellbeing

Y3: Celebrating difference

- accepting that everyone is different
- including others when working and playing

- know how to help if someone is being bullied

- Try to solve problems

- try to use kind words

- know how to give and receive compliments

Y4: Celebrating difference

- accepting that everyone is different
- include others when working and playing

- know how to help if someone is being bullied

- try to solve problems

- try to use kind words

- know how to give and receive compliments

Physical Development

THURSDAY am

Newcastle Foundation: Dance

To perform dances using a range of movement patterns.

To compare their performances with previous ones and demonstrate improvement to achieve their personal best.

WEDNESDAY pm - SWIMMING



Communication Language and Literacy

Non Chronological reports

Reading, studying and then writing own reports

Narrative: Story characters

To explore a range of different forms of character descriptions focusing upon the language used to create a vivid image, suspense and description

Speaking and listening: to learn, recite and perform lines for the Christmas play with confidence, clarity and expression.

ICT—Powerpoint and keynote

To understand how Powerpoint can be used to present information

To know how the font can be altered by size, style and colour.

To insert images, aligned and altering their size and format

To explore how transitions and effects can be used to enhance

To explore ipad apps such as key note to create repeating patterns

MFL—Hobbies and activities

Understanding simple classroom instructions

Talking about hobbies and activities

Making simple statements about activities

Expressing likes and dislikes

