

Year 2 Spring

GEOGRAPHY

Place knowledge

- Understand geographical similarities and difference through studying the human and physical geography of a small area of the UK (north East) and of a small area in a contrasting non-europeans country (North East USA) to link with railways and the Baltimore-Ohio railroad - first railroad in America
- Identify the location of hot and cold areas of the world in relation to the equator and north and south poles
- Use a wide variety of geographic terms to refer to a key physical and human features
- Observe and describe similarities and differences using geographical vocabulary and terms
- Use simple compass directions (North, East, South, West) and locational language and directional language e.g near and far, left and right to describe the location of features and routes on a map.

HISTORY

- Significant historical events; people and places in their own locality: George Stephenson and the invention of the railway
- identify information from a range of sources
- can ask questions about sources to help understanding and infer information
- The lives of significant individuals in the past who have contributed to national and international achievements. She should be used to compare aspects of life in different periods (George Stephenson and king Charles II)
- Describe how the known object (artefacts) fir within a chronological order
- Use a wide variety of vocabulary of everyday historical terms (including language related to passing of time and abstract sounds e.g democracy, monarchy, aristocracy)

PE

Games

Spring 1- hockey

Spring 2 - tennis

Strength and movement

Spring 1 - gymnastics - balance and agility

Spring 2 - dance

Health

- Identify the importance of keeping active
- athletics - I can develop balance agility and coordination and apply these in a range of activities
- Dance - I can link together moves and gestures in time with the music
- Gymnastics - I can balance on isolated parts of the body song the floor and hold balance

ONLINE SAFETY AND DIGITAL CITIZENSHIP

Drawing and photography

- Use simple shapes and lines drawn in sketches school to create doodles and pictures of objects, animals and people
- Learn how to create patterns that can be used to decorate and object
- Introduce opacity to allow for the tracing of objects in keynote
- Focus on pen control
- Learn how to use the 'fill' tool to create block colours and full create shapes with colour
- Use sketches school and keynote to create a digital image - focus on pen control and using the 'fill' tool

Animation

- Use pen and zoom effects on photos

iMovie

- Create a simple stop frame animation by capturing a series of photos from the same position

Keynote

- Add a table
- Adjust the size of the table
- Alter the number of rows and columns the table has
- Adjust the row and column size
- Add a table name
- Add text to a table and format It including wrapping text in a cell

Coding

- Us logical reasoning to predict behaviour of simple programs

Additional iPad functions

- Use the map app to find my location and view it as a map, satellite, hybrid or terrain map including using the 'flyover' feature if available
- Se the map app to find directions from one location to another
- Use the map app to look at street views of available locations
- Access airplay to share work via Apple TV box
- Link screen record to the control centre and use it to capture live workings on the iPad
- Once work has been uploaded, knowhow to make adjustments to the way it's shared independently: delete an item, add a comment, change the subject folder, edit the work to the re-access the tools as used in drawing mode, edit the people that are shared into the same work, save and share content to other destinations
- Access assigned activities by tapping the activities button to add a response to as specific location linked to an activity given by the class teacher independently.

ART

- Create sculpture using malleable materials
- Use equipment and media with increasing materials when using malleable materials
- Select particular techniques to create a chosen product and develop some care and control over materials and their use
- Shape, form and construct models from observation and imagination
- Explore the use of surface patterns/ textures and use where appropriate
- Discuss own and others' work expressing thoughts and feelings and identify Andy changes they might take
- Compare their work to that of artists and designers

SCIENCE

Living things and their habitats

- Describe how animals obtain their food from plants and other animals using the idea of a simple food chain, and identify and name different sources of food

Animals including humans

- Notice that animals, including humans, have offspring which grow into adults
- Find out about and describe the basic needs of animals including humans for survival

Planning and predicting

- With help, plan how to collect evidence

Investigating and observing

- Recognise and describe simple patterns seen from tests and observations

Recording analysing and evaluating

- Say whether what happened was what was expected and draw simple conclusions
- Use scientific equipment appropriately and understand its purpose

Maths in science

- Interpret and construct simple pictograms, tally charts, clock diagrams and simple tables
- Simple bar charts
- Ask and answer questions about totalling and comparing categorical data
- Maths vocabulary - standard measures, height, temperature, capacity
- Use simple Year 1 vocabulary to communicate findings
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DT

- Create. Moving picture using levers, sliders and simple pop ups
- Understand the stages of the design process
- Understand the need for a variety of food in a diet

Design

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and where appropriate information and communication technology

Evaluate

- Evaluate and assess existing products and those that they have made using a design criteria
- Evaluate their products and prototypes against design criteria, identifying strengths and possible changes

Make

- Choose appropriate tools, equipment, techniques and materials from a wide range
- Safely measure, mark out, cut and shape materials and components using a range of tools
- Explore how levers, sliders and pop ups operate and can be incorporated into a design
- Investigate different techniques for stiffening a variety of material and explore the different methods of enabling structures to remain

Fine motor skills

- Cuts well with scissors, not deviating from the cutting line

PSHCE

Families, friendships and relationships

- Understand that families are not always man and woman

Understanding their place in the world

- Understanding the rule of law and individual liberties
- Understanding why free and fair votes are important
- Understand the link between different jobs and economic benefits

Respectful relationships

- Understand how to respect different genders, careers and look at the assumptions we make on what we see
- Introduce formal terms (gay, lesbian) and how families are different
- Use racial terminology correctly (why it's important to use it) and understand how a community is made of people of different races, types of family and viewpoints

Values

- Recognise and respect the similarities and differences between people

Physical wellbeing

- Understand how germs are spread and how we can minimise this
- Understand the eat well plate and be able to recognise different types of food
- Understand a wider range of healthy foods and what your body needs
- Understand a border range of health benefits from being active
- Understand the implications of not practicing good dental hygiene.

Mental wellbeing

- Recognise that good mental health is as important as exercise and a balanced diet
- Understand that it is our differences that make us special

Values

- **Teamwork** - listen to others' points of view and be respectful of their opinions

- Work with a team to share ideas and complete work

Ethos and attitude - show a positive attitude to learning

- Work to solve a problem and keep trying
- From information given, find out more about a subject through research

Empathy and respect

- Recognise and respect the similarities and difference between people
- Recognise what is fair and unfair and can start to resolve simple arguments or conflicts through negotiation
- Understand the need for rules in a range of situations