

# Year 5 summer

## GEOGRAPHY

- Identify the position and significance of latitude, longitude, the prime/greenwich meridian and time zones
- Explain how different human and physical features have impacted the geography of the land and how this has changed over time
- Compare the similarities and differences between human and physical geography
- Understand and use a widening range of geographical terms
- Explore the features on an OS map using the 8 points of a compass and four and six figure references symbols and key to build their knowledge of the UK and the wider world
- Use world maps, atlases and globes and gigot computer mapping.

### **Place knowledge**

- Understand geographical similarities and differences through the study of human and physical geography of a region of the UK and a regional European county.

## PSHCE

### **Families, friendships and relationships**

- Understand the importance of sharing others' lives and spending time together as families
- What marriage is and who can get married
- That marriage is intended to be a lifelong commitment
- How to build on good relationships and what makes a good relationship
- Understand how to respect through examining secrets and stories
- Recognise that friendships have ups and downs and how to work through and strengthen these friendship
- Understand the importance of not being a bystander to any form of bullying and how to address this
- To be able to reason with friends and come to a mutual decision
- To use a range of strategies to resolve a conflict
- Recognise that people have feelings out and how to manage this
- Deliver operation encompass KS2 strands 1,2,3 activities 2

## SCIENCE

### **Earth and space**

- Describe the movement of the earth and other planets relative to the sun in the solar system
- Describe the movement of the moon relative to the earth
- Describe the sun, earthy and moon as approximately spherical bodies
- Use the idea of the earth's rotation to explain day and night and the apparent movement of the sun across the sky

### **Animals including humans**

- Describe the changes as humans develop to old age

## HISTORY

- Ancient Greece - a study of Greek life and achievements and their influence on the western world
- Explain and analyse how different periods fit together within and across time periods studied
- Explain the reasons for similarities and differences between different time periods and artefacts
- Use a wide range of historical terminology and vocabulary across different periods of time
- Can explain connections, contrasts and trends over time
- Can critically analyse time periods
- Can draw conclusions from facts or sources and evaluate their reliability
- Can understand and explain why types of sources from different

## DT

- Understand the main food groups and the different nutrients that are important for health
- Understand how a variety of ingredients are grown, reared, caught and processed to make them safe and tasty to eat
- Understand how to create a variety of predominantly savoury dishes linked to your learning
- Make detailed evaluations about existing products and their own considering the views of others to improve their work
- Select appropriate ingredients and use a wide range of techniques to combine them
- Use a variety of tools and kitchen equipment safely in food preparation

## ART

- Create sculptures using clay incorporating form pattern and texture
- Develop skills in clay work using pinching, slabbing and coiling and use a range of tools
- Use sketchbooks to plan work and develop ideas and techniques
- Discuss own and others' work, expressing thoughts and feelings and identify modifications and changes to see how they can be developed further.

## PE

### **Games**

Summer 1 - Tennis

Summer 2 - Football

### **Strength and movement**

Summer 1 - Gymnastics

Summer 1 - Athletics

## **ONLINE SAFETY**

### **Online relationships**

- I can give examples of technology - specific forms of communication
- I can explain that there are some people I can communicate with online who may do me or my friends harm / I can recognise this is not my/our fault
- I can describe how they might collaborate constructively with others and make positive contributions

### **Health, wellbeing and lifestyle**

- I can describe ways that technology can affect health and wellbeing both positively and negatively
- I can describe some strategies, tips or advice to promote health and wellbeing with regards to technology
- I can recognise the benefits and risks of accessing information about health and well-being online and how we should balance this with talking to trusted adults and professionals
- I can explain how and why some apps and games may require or take payment for affectional content and explain the importance of seeking permission from a trusted adult before purchasing

### **Copyright and ownership**

- I can assess and justify when it's acceptable to use the work of others
- I can give examples of content that is permitted to be reused and know how this content can be found online

### **Other areas**

- Understand that the amount of time online can affect mental wellbeing

## **KEYNOTE**

- Add a link to an object by tapping it on the canvas
- Add music to accompany a slideshow for a presentation
- Reconfigure the document setup/size by choosing between the presets or customising your own
- Adjust layout options
- Create new customised keynote themes and save these for future access

### **Table**

- Arrange data into ascending or descending for presentation of information within a column by highlighting the column and tapping 'sort'

### **Charts**

- Interactive chart settings
- Change between navigating using slider and buttons or buttons only

## **PHOTOGRAPHY**

- Build a single composition with multiple photos and other graphic elements
- Learn how to add photos into Keynote wither by tapping the + button or using split screen to then drag them across
- Hide parts of a photo using instant alpha
- Crop, mask, position, edit and layer remix photos in keynote

## **IMOVIE**

- Create split screen and picture in picture overlay filters
- Explore different overlay styles
- Add titles whether they can be centred or lower third title based on style of clip
- Shorten a title on a clip by splitting a clip at the point you want the title to end
- Add transitions between 2 different clips
- Just the time of the transition
- Use freeze from and slow motion effects
- Change the speed of a clip
- Add motion to photos by using the Ken Burns effect
- Record a time lapse shot in camera

## **Animation**

- Build order - you can fine tune your animation sequences further by adding a delay between one section and another
- Moving images.- create a digital moving image of a landscape in keynote applying the use of layers to provide depth and flexibility in animation. Include elements of movements using motion oath. Export the final product as a movie and import it into iMovie to add a soundtrack before exporting as a movie again