

Year 5 Spring

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

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

ONLINE SAFETY

Self identity and image

- I can explain how identity online can be copied/modified or altered
- I can demonstrate how to make responsible choices about having an online identity , depending on context

Online reputation

- I can search for information about an individual online and summarise the information found
- I can describe ways that information about anyone online can be used by others to make judgement about an individual and why these may be incorrect
- I can explain the ways in which anyone can develop a positive online reputation
- I can explain strategies anyone can use to protect the Digital personality and online reputation including degrees of anonymity

Other areas

- Recognise peer pressure and how to combat this
- Understand that people may act in certain ways online for likes, attention or hide how they are feeling

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/sizw 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

DT

- Create a model which uses a frame and more than one material and incorporates an element of movement
- Understand the stages of the design process
- Use their research into existing products and their Market research to inform the design of their own innovative product
- Create prototypes to show their ideas
- Create scaled drawings of designs
- Use of computer aided design to assist in designing a 3d product
- Evaluate the product and prototypes agains design criteria and by carrying out appropriate tests
- Make careful measurements so that joins, holes and openings re in exactly the tight place
- Explore different techniques for joining materials together
- Explore how IT cams, pulleys or gears can be incorporated into your product
- Explore how different shapes joints and methods can reinforce a product

HISTORY

- A local history study on the history and significance of coal mines
- 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 time periods can vary

GEOGRAPHY

- Understand weather patterns around the world, reacting these to climate zones and how this has impacted on the land
- Understand how climate zones and the distribution of natural resources have impacted on where humans have settled and why
- Describe and understand key aspects of climate zones and the distribution of natural resources including energy, food, minerals and water.
- Name and locate counties in middle and southern England and smaller cities of the UK and land use patterns
- Explain how different human and physical features have impacted the geography of the land anyhow this has changed over time
- Compare the similarities and differences between human and physical geography
- Understand and use a widening range of geographical terms use fieldwork to observe, measure, record human and physical features in the local area using a range of methods
- Use wold maps, atlases and globes and digital/computer mapping
- Explore the features on an OS map sig the 8 points of a compass and four and ssh figure references, symbols and key to bud their knowledge of the UK and wider world.

SCIENCE

Living things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals

Properties and changes of materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets
- Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated , indulging through filtering sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests for the particular uses of everyday materials including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state and reversible change
- Explain that some changes result in the formation of new materials, and the this kind of change is not usually reversible, including changes associated with burning and the action on acid on bicarbonate of soda

PSHCE

Understanding their place in the world

- Understand how humans are impacting the environment and what we can do to help
- Understand basic human rights and rights of a child
- Understand how rights impact the democracy f the UK
- Show and understanding of the experience or education required to carry out specific jobs
- Understand their lace in the world and their impact and show how they can contribute

Respectful relationships

- Understand a wider range of acceptable terminology and homophobic or prejudicial language
- Use racial terminology correctly and understand what constitutes racism
- Look at how racism has impacted the world and the past events
- Look at sexism and what this has looked like over time
- Recognise how sexism can impact peoples lives

Values

Teamwork

- Listen ot others's points of view and come to an agreement
- Collaborate with others, share ideas and complete work

Ethos and attitude

- Take responsibility for myself, my own learning and my attitude
- Show resilience and keep trying hen face with a problem
- Take responsibility for my own learning though research

Empathy and respect

- Listen and respond to people and feel confident to raise my concerns respect others's views who may challenge my view
- Develop skills to form positive and healthy relationships
- Develop a tolerance of others by trying to be a role model to others

PE

Games

Spring 1- Netball or Basketball

Spring 2 - Cricket

Strength and movement

Spring 1 - Gymnastics

Spring 2 - Dance