

Design & Technology – Mechanical Systems

Design a pop-up book
Follow a design brief to make a pop-up book
Use layers and spacers to cover the working of the mechanisms
To create a high-quality product suitable for a target user

Science – Animals including humans/Plants

Understand the seven life processes
Explain how mammals and animals reproduce
Understand the different methods of reproduction in plants
Describe life cycles of different animals
Explain the life cycle of plants

Geography – Volcanoes

Understand how volcanoes are formed
Identify the features of volcanic areas
Describe and explain key geographical features of Hiemaey
Compare and contrast the human and physical geography of Vestmannaeyjar
Observe the global pattern of volcanoes and suggest reasons for this distribution

Art – Painting

Explore themes and styles of traditional Chinese art
Understand and explore the importance of brush strokes in Chinese art
Recreate Ming Dynasty patterns within own work

History – The Shang Dynasty

What was the Shang Dynasty?
What was it like in settlements around the Yellow River Plain?
How did Shang farmers provide food for their society?
What were the religious beliefs of the Shang Dynasty?
What was the Shang system of writing like?
What did the rulers of the Shang Dynasty do?
What do archaeological findings tell us about the Shang Dynasty?
Why did the Shang Dynasty fall in 1046 BC?

Computing

3-D Modelling
Concept Maps

Maths

Arithmetic
Shape
Position and direction
Decimals
Negative numbers
Converting units
Volume

English

Explanation texts
Narrative poetry
Scene story
Discussion text
Mixed genre

R.E. – Islam

Reflect on beliefs, values and practices that are important to their own lives
To understand Muslim beliefs and teachings about Allah
To explain the key beliefs of Muslims
Know what the five pillars of Islam are and understand the impact and importance of each
Make significant links between Islamic ritual and their own lives

P.E. – Cool Core/Fitness Frenzy

Identify techniques to improve balance and core strength
Improve co-ordination
Complete a circuit that includes a range of activities
Learn how boxercise moves can be adapted and used in different formats
Perform a sequence of steps in time with the music
Understand why fitness is good for health and wellbeing
Perform a sequence of moves with increased accuracy