

### **SCIENCE: The Circulatory System**

1.. What are the Heart and Lungs for? How do they work together?

Identify and name the main parts of the Heart and Lungs

2. What is 'dissection' and why is it carried out?

Safely dissect a Heart, identifying its main components

3. What is blood made of? What is its function? Why do we have different blood types?

Explain the purpose of blood and its components

4. What factors affect heart rates?

Draw conclusions from collected data and make predictions about the outcomes of future tests

5. How do we keep our Hearts and Lungs healthy?

Investigate the different ways to maintain a healthy body

6. What are defibrillators? ICD implants? Who invented them?

Carry out research on Dr. Esther Sans Takeuchi



### **ART:** What is Chromatic art?

1. What are the seven elements of art?
2. What is a portrait?
3. Who was Sarah Biffin?
4. Who was Noor Bahjat
5. What can portraits tell us?

Enrichment: Industrial revolution- River Severn water colours

### **Computing:** vector drawings

### **Learning for life:**

CREATED AND LOVED BY GOD

Emotional wellbeing

Life cycles

### **MFL:**

Following Music scheme of work

### **ENGLISH:**

**To inform:** formal/ informal letters

**To Inform:** Balanced arguments

**To entertain:** Playscripts:

**Golden Opportunities:** non chronological reports / recount

**Reading:** Who let the Gods out- Vipers

# How was the local area impacted by the Industrial Revolution? Spring 1

**Launch:** Walk to Newport – drawing by the canal – field study of the local area – invite parents

**Landing:** Possible visit to Ironbridge (Spring 2 term)



## The Big questions...

### **GEOGRAPHY:**

1. **To investigate places:** use different types of fieldwork sampling (random and systematic) to observe, measure and record human and physical features in the local area. Record these in a range of ways: What are points of interest in Newport? (Walk to canal-launch/ buildings of interest in Newport) - created a linear map

1: **To investigate places:** Identify and describe how the physical features affect the human activity within a location – What are the human / physical features of Newport -

2: **To investigate places:** Name and locate counties and cities of the United Kingdom- How are UK counties interconnected – map work looking at rail / canals / roads and rivers

3: **To communicate geographically:** Use four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom – research the local areas

4: **To investigate patterns:** describe how locations around the world are changing and explain some of the reasons for change how is land used in the local area? Farming. Settlements – why are more houses being built in Newport?

### **MUSIC:** Telford and Wrekin Guitar lessons

RE – Life in the Risen Jesus

1. How can we live our best lives?

Recognise that in the Beatitudes Jesus tells his followers important messages about what makes a life blessed-

2. What makes a blessed life?

Recognise that in the Beatitudes Jesus tells his followers important messages about what makes a life blessed-

3. Can you recall what Jesus' summary of the law is?

Make links between; the Golden Rule, the New Law and Jesus' Summary of the Law and how we live it out today

What is a parable?

4. Make links between the Great Commandment, a parable and Jesus' Summary of the Law and lessons for Christian life today.

5. How Do the Ten commandments and beatitudes link together? Make simple links between the Beatitudes and the Ten Commandments

6. What is the 'Transfiguration'? Describe accurately, in sequence and detail what the disciples see at the Transfiguration, saying something about the importance of Moses and Elijah.

7. What is a 'petition'

Make links between the seven petitions (requests) of the Our Father and their meaning for Christians.