

History

How has the perception of Sir Titus Salt changed?

Knowledge:

- A local history study over time tracing how several aspects of national history are reflected in the locality.

Science

Living Things and their Habitats- What is the circle of life?

Knowledge:

- Describe the sexual reproduction of plants
- Describe the asexual reproduction of plants
- Explain the difference between asexual and sexual reproduction in plants
- 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

Animals Including Humans - What is the circle of life?

Knowledge:

- Describe the changes of humans from birth to death
- Name and order the different stages of human life e.g. foetus, baby, child, adolescent, adult, old age
- Describe how a baby changes physically as it grows and what it is able to do
- Describe the changes as humans develop to old age

Geography

How do settlements in the UK vary?

Knowledge:

- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; look at the wool trade and how trade has changed.
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Computing

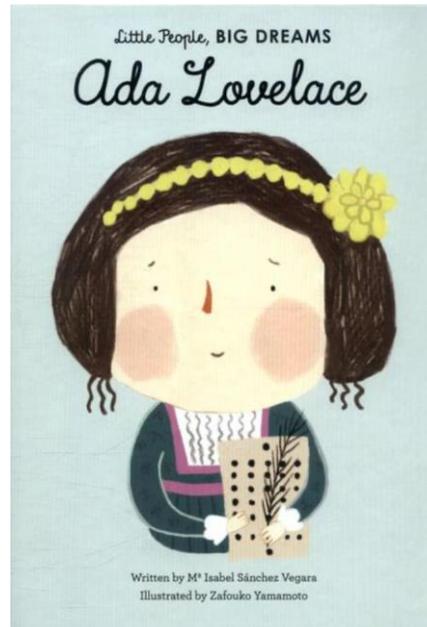
Programming- quizzes in scratch

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

E-safety

- Understand the terms plagiarism and copyright and be aware of the implications of copying and sharing content without permission.

Ada Lovelace Autumn Curriculum *The Rise and Fall of Bradford*



R.E

Why do people have to stand up for what they believe in?

Christianity, Islam, Sikhism



PSHE

Living in the Wider World:

- Internet and screen time, Age restrictions, Careers and stereotypes, Fake news, Fireworks and bonfires

Health and Wellbeing:

- Understanding emotions, Feelings, emotions and vocabulary , Self-esteem and self worth, What is mental health?, Physical health and signs of illness

P.E

Invasion - Tag Rugby

- Special awareness, ball control, attack and defence, decision making.

Gymnastics

- Shapes, movement, balance, flexibility, body tension, sequences, rolls.
- Link skills to make actions and sequences of movement.
- 2. Combine and perform gymnastic actions, shapes and balances more fluently and effectively.

<p><u>Art</u></p> <p><i>Drawing</i> <i>Painting</i> <i>Printmaking</i> Artist: David Hockney Formal element: Line, shape, texture</p> <ul style="list-style-type: none"> ● Make our own printing block using lino, ink it up using a roller and make a print. ● Understand that prints come out in reverse. ● Explore David Hockney's connections to Bradford and associated artworks. 	<p><u>Design Technology</u></p> <p><i>Food and nutrition - What could be healthier?</i></p> <ul style="list-style-type: none"> ● Understand and apply the principles of a healthy and varied diet ● Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques ● Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. 	<p><u>Music</u></p> <p><i>Living on a Prayer</i></p> <ul style="list-style-type: none"> ● Listen and appraise ● Performance 	<p><u>MFL French</u></p> <p><i>Greetings</i></p> <p><i>Colour, size and shape</i></p> <ul style="list-style-type: none"> ● Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help. ● Speak in sentences, using familiar vocabulary, phrases and basic language structures. ● Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases. ● Present ideas and information orally to a range of audiences. ● Write phrases from memory, and adapt these to create new sentences to express ideas clearly. ● Use familiar vocabulary in phrases and simple writing. ● Describe people, places and things and actions orally and in writing.
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