Street Detectives

Geography

We will investigate streets around our school and describe what we see on our way to school. We will use maps of our local area to see if we can spot any recognisable features such as parks, roads, streets and churches. We will also look at some old street maps and talk about how they are similar or different to modern day maps. Using satellite imaging tools we will observe a number of aerial images of our local area and describe what we see. We will then make our own map of a familiar route we take back from the swimming baths each week.

Essential Skills

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Use simple compass directions and locational language to describe the location of features and routes on a map.

Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key.

Computing

We will create our own algorithms to successfully direct a partner around a set course or path.

Essential Skills

Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.

PSHE

We will think about people who work in and help look after their local community.

Essentials Skills

Recognise that they belong to various groups and communities such as family and school.

Know what improves and harms their local, nature, built environments and about some of the ways people look after them.

D & T

We will make a mini model of a house, shop or other building from our local community using a range of small boxes. We will create an old fashioned bakery, baking bread, cakes and biscuits. We will design and make signs that could be places around the local community to help remember to take care of it.

Essential Skills

Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics. Select from and use a range of tools and equipment to perform practical tasks.

Design purposeful, functional, appealing products for themselves and other users based on design criteria.

History

We will look closely at pictures, slides and photographs of old and modern homes identifying differences including materials from which they are built. We will look at pictures of shops in the past and compare them to shops today. We will find out about the history of our own school by investigating when the school was built and whether any of our parents or family went to our school in previous years.

Essential Skills

Learn about significant historical events, people and places in their own locality.

Learn about changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life.

Science

This half term in science we will be learning about a number of great scientists and inventors. We will learn all about the likes of Rachel Carson who first discovered the dangers of chemical pollution in the ocean, Elizabeth Garret Anderson the first female doctor in Britain as well as local scientist Sir Joseph Swan who invented the light bulb.

Essential Skills

To use their observations and ideas to suggest answers to questions in the context of considering whether doctors are scientists.

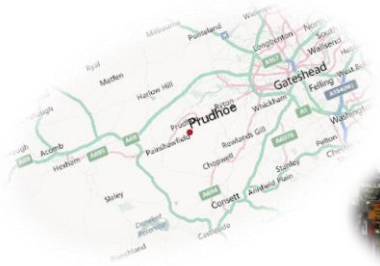
To describe the importance for humans of exercise, of eating the right amounts of different types of food, and hygiene in the context of creating a poster for a doctor's surgery to explain how to stay healthy.

To describe the importance of hygiene to humans in the context of investigating Louis Pasteur's work on how germs spread.

To use their observations and ideas to answer simple question in the context of investigating how germs spread and the effect of hand washing.

To describe how animals obtain their food from plants and other animals, using the idea of a simple food chain in the context of exploring Rachel Carson's study of the ocean.

To observe closely, using simple equipment in the context of investigating the effects of pesticides in water, as researched by Rachel Carson.



Street Detectives

PSHE- Relationships/ VIPs

Within this unit we will explore the very important people in our lives and explore ways in which we can develop positive relationships with them. We will also explore why friendships and family are important and learn how these units are different for everyone.

Essential Skills

Be able to explain who the special people are in our lives and explain why they are important to us.

Explain why having a family network is important.

Know what makes someone a good friend and demonstrate these attributes.

Be able to put positive resolution techniques into practice.

RE- Beginnings and Endings

We will explore how beginnings and endings are marked in special ways in different religions and our own lives. We will explore religious rituals for the beginning of a child's life as well as findings out how Sikhs celebrate the end of one year and start of another. We will also explore the Christian story of Easter and make links with the idea of new life.

Essential Skills

Discuss key words associated with beginnings and endings.

Understand and recall some facts about Sikhism.

Name and briefly describe one of the Panj Pyare.

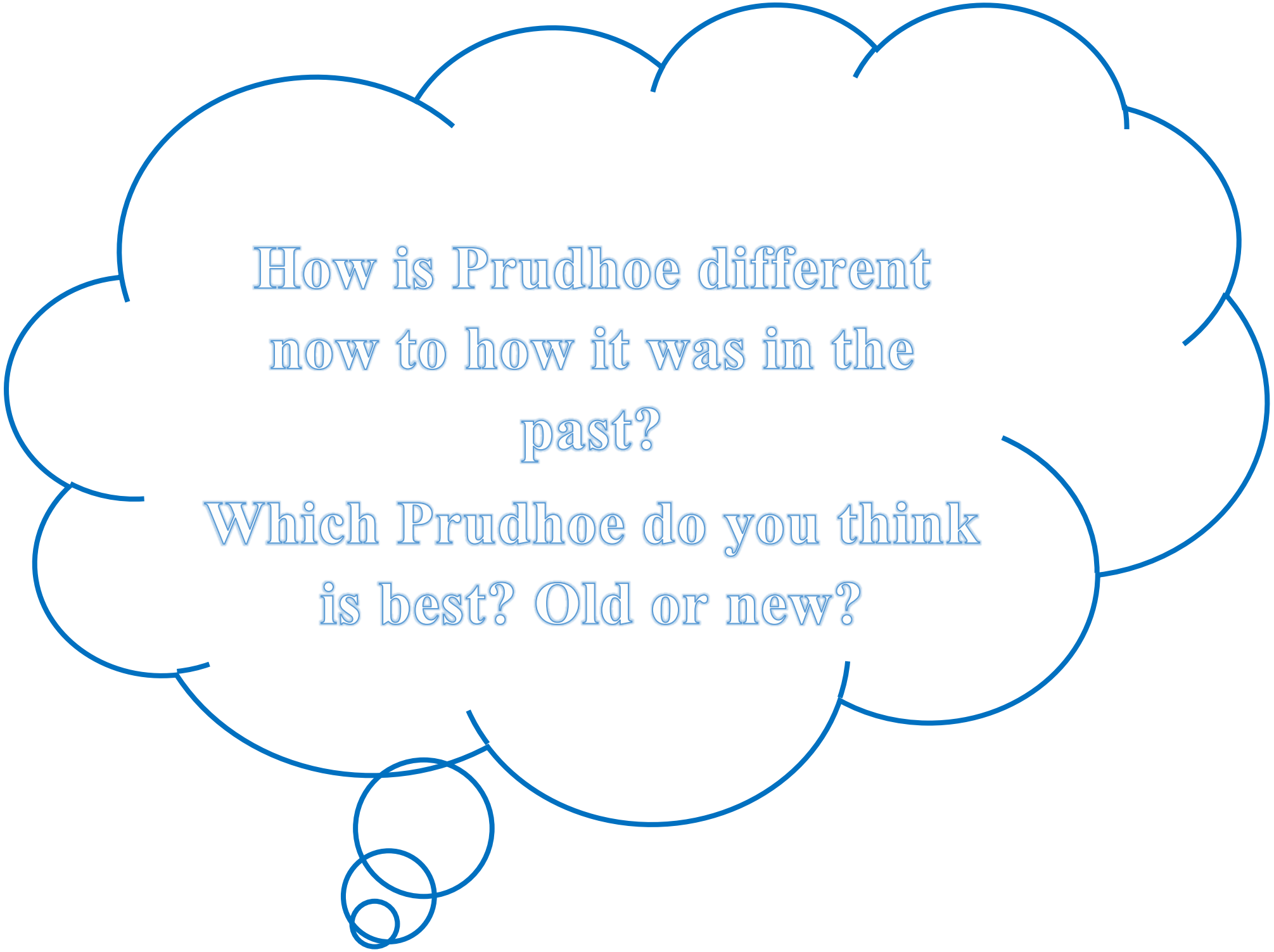
Talk about our own experiences, welcoming and naming a new baby.

Art and Design

We will look at a range of local artists work especially when they have drawn or painted landscapes of near to where we live.

Essential Skills

Learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between practices and disciplines and making links to their own work.


How is Prudhoe different now to how it was in the past?
Which Prudhoe do you think is best? Old or new?