



Houses, Homes and Materials

Science Intent

Through science, children are taught to be curious about the world around them. Our curriculum is stimulating, engaging and challenging and ensures full coverage of the National Curriculum. It fosters a sense of wonder about natural phenomena. Children develop and use a range of scientific skills including questioning, fair-testing and drawing conclusions. Scientific vocabulary is taught and built upon as topics are revisited progressively in different year groups and across key stages.

Geography Intent

Geography teaching develops a greater understanding and knowledge of the world and prepares pupils for life in a globalised world. We inspire curiosity and fascination about the world and its people which will remain with them for the rest of their lives; to promote the children's interest and understanding of diverse places, people, resources and natural and human environments, together with a deep understanding of the Earth's key physical and human processes. The curriculum is designed to develop knowledge and skills that are progressive, as well as transferable. Geography is taught in themes so that children can achieve depth in their learning.

In Key Stage One pupils should develop knowledge about the world, the United Kingdom and their locality. They should understand basic subject-specific vocabulary relating to human and physical geography and begin to use geographical skills, including first-hand observation, to enhance their locational awareness.

English – National Curriculum and skills

Write sentences by:

- Saying out loud what they are going to write about.
- Compose a sentence orally before writing it.
- Re-reading what they have written to check that it makes sense.
- Discuss what they have written with the teacher or other pupils.
- Read their writing aloud clearly enough to be heard by their peers and the teacher.
- Use capital letters and full stops.

Overview

Focus on 'The three little pigs' as a fairy tale. Learn the story of the three little pigs through Talk4Writing. They will use different Talk4Writing techniques including hot seating where they will have the opportunity to meet and question different fairy-tale characters.

Write descriptive sentences about different characters from the story using two adjectives and a comma. Sequence (using days of the week) and rewriting the story, using an alternative ending.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 1

- Use a conjunction in writing
- Use finger spaces.
- Use simple adjectives.
- Sit correctly and hold a pencil comfortably and correctly.
- Form lower case letters in the correct direction.
- Can start to spell words containing the 40+ sounds.
- Spell and use the days of the week.
- Use a capital letter for days of the week and I.

Focus on appropriate adjectives for the materials that the pigs used to build their homes.

Handwriting and the use of phonics when spelling is a focus across the term.

Science – National Curriculum and skills

Everyday materials

- distinguish between an object and the material from which it is made
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- compare and group together a variety of everyday materials on the basis of their simple physical properties.
- ask simple questions and recognize that they can be answered in different ways
- observe closely, using simple equipment
- perform simple tests
- identify and classify
- use their observations and ideas to suggest answers to questions

Overview

Describe different materials, discuss what they are used for in everyday life and find different materials in our environment. Investigate different properties of materials, linked with 'House and Homes' topic and 'The Three Little Pigs'.

Test different materials and investigate questions such as 'What is the best material for an umbrella? ...for lining a dog basket? ...for curtains? ...for a bookshelf? ...for a gymnast's leotard?'

Linked with the seasonal changes, discuss the clothes that we wear during the different seasons. Sort them and discuss the properties of different materials and why they are useful at different times throughout the year.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 1

- gather and recording data to help to answer questions.

Geography – National Curriculum and skills

Location Knowledge

- Name and locate the four countries and capital cities of the United Kingdom.
- Explain where I live and tell someone my address

Geographical skills and fieldwork

- Use world maps, atlases and globes to identify the United Kingdom and its countries.
- 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.
- Follow a map around the local area.

Overview

Look at the earth using Google maps, discussing what they can see and places they have been. Zoom into the United Kingdom, naming the 4 countries and finding these our own maps. Focus on Middlesbrough and Nunthorpe.

Walk around the local area, using a map, looking at the different styles of houses. On the walk we will be discussing what we can see and how these features were created.

Design Technology – National Curriculum and skills

Designing

- Generate ideas based on simple design criteria and their own experiences, explaining what they could make.
- Develop, model and communicate their ideas through talking, mock-ups and drawings.

Making

- Plan by suggesting what to do next.
- Select and use tools, skills and techniques, explaining their choices.
- Select new and reclaimed materials and construction kits to build their structures.
- Use simple finishing techniques suitable for the structure they are creating.

Evaluating

Overview

When on our tour around the local area take photographs of different buildings and areas that interest us, or ones we like. Plan, design and build free standing structures that reflect our local area.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 1

- Explore a range of existing freestanding structures in the school and local environment e.g. everyday products and buildings.
- Evaluate their product by discussing how well it works in relation to the purpose, the user and whether it meets the original design criteria.

Technical knowledge and understanding

- Know how to make freestanding structures stronger, stiffer and more stable.
- Know and use technical vocabulary relevant to the project.

Debate & Discussion Opportunities	Trips and Experiences	Possible Linked Texts
<ul style="list-style-type: none">• Which material is the best? Why?• What do we like about our local area? What would we like to improve?	Walk around Nunthorpe – looking at different houses and homes. Visit a show home.	The Three Little Pigs Non-fiction texts about homes and materials.