

English

National Curriculum Links

Reading Comprehension

listening to and discussing a wide range of poems, stories and non-fiction at a level beyond that at which they can read independently
recognising and joining in with predictable phrases
learning to appreciate rhymes and poems, and to recite some by heart
making inferences on the basis of what is being said and done
predicting what might happen on the basis of what has been read so far
participate in discussion about what is read to them, taking turns and listening to what others say
explain clearly their understanding of what is read to them.

Writing

sit correctly at a table, holding a pencil comfortably and correctly
begin to form lower-case letters in the correct direction, starting and finishing in the right place

write sentences by:

- ♣ saying out loud what they are going to write about
- ♣ composing a sentence orally before writing it
- ♣ sequencing sentences to form short narratives
- ♣ re-reading what they have written to check that it makes sense

Possible Stories, Non-fiction and Poetry

The Train Ride, Mr Gumpy's Day Out, Lost and Found, Brilliant Boats, On The Train, Shine A light
Range of Harvest and Autumn poetry to learn by heart

Maths

National Curriculum Links

- Count to ten forwards and backwards, beginning with 0-1 or from any given number
- Count, read and write numbers to ten in numerals and words
- Given a number, identify one more or one less
- Identify and represent numbers using objects and pictorial representations including the number line and use the language of: equal to, more than, less than (fewer), most and least
- Represent and use number bonds with ten and related subtraction facts.
- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equal (=) signs
- Add and subtract one digit numbers to ten, including 0
- Solve one step problems that involve addition and subtraction, involving concrete objects and pictorial representations and missing number problems

Science

National Curriculum Links

Materials Pupils should be taught to:

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
Describe the simple physical properties of a variety of everyday materials
Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Seasonal Changes Pupils should be taught to:

Observe changes across the four seasons.

Working Scientifically

Asking simple questions and recognising that they can be answered in different ways

Performing simple tests

Gathering and recording data to help in answering questions.

Learning Outcomes

Children will be able to identify the materials that a range of everyday objects are made from
Through investigation, children will identify and explain the importance of wheels to transportation

Children will investigate and test the effectiveness of a range of materials for making a boat/raft.

Through investigation, children will know that some metals float, while others sink and that the shape of an object can affect its ability to float.

History

How Has Transport Changed?

National Curriculum Links

To develop an awareness of the past through finding out about changes beyond living memory that are significant nationally or globally.

To develop an awareness of the lives of significant individuals in the past who have contributed to national and international achievements.

To find out about significant historical events, people and places in their own locality.

Learning Outcomes

Children will:

Identify and talk about the differences between old and new transport – write some of their findings

Have an understanding of the chronology of the different points in history when various types of transport have been used and invented – know the order of inventions boats, bicycles, trains, motor cars, aeroplanes

Recall some key facts about the different types of travel and transport studied and the significant people involved in inventing them.

Research and discover the achievements of George Stevenson and his contribution to the invention of rail travel in Britain.

Find out about the railway station in Alnwick and understand that Alnwick had a working train station in the past

Visit the Aln Valley Railway.

Design & Technology

Vehicles

National Curriculum Links

Pupils should be taught to:

Design

- Design purposeful, functional, appealing products for themselves and other users based on design criteria.
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology.

Make

- Select from and use a range of tools and equipment to perform practical tasks (cutting, shaping, joining and finishing).
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.

Evaluate

- Explore and evaluate a range of existing products.
- Evaluate their ideas and products against design criteria.

Technical Knowledge

- Build structures, exploring how they can be made stronger, stiffer and more stable.
- Explore and use mechanisms in their products.

Learning Outcomes

Children will:

Investigate features of vehicles, including wheels, axles, chassis and body

Design their own model vehicle.

Make their own model vehicle based on their design by cutting, shaping, joining and finishing.

Evaluate their product.



All Aboard!

Year 1

Autumn 1 2019



Art & Design

Trains

National Curriculum Links

Pupils should be taught:

- To use drawing to develop and share their ideas and experiences.
- To develop a wide range of art and design techniques using colour, line, shape, form and space

Learning Outcomes

Children will:

- Look at a selection of steam engine trains and talk about their features.
- Make their own pencil sketches and drawings of steam trains.
- Look at a selection of modern trains and talk about their features.
- Make their own sketches and drawings of modern trains.

Music

Charanga Hey You!

National Curriculum Links

Pupils should be taught to:

- Sing
- Play untuned percussion to the beat of the music
- Improvise with their voices and with percussion
- Compose their own music rhythms

Learning Outcomes

Children will be familiar with the 'hip hop' style

Children will sing tunefully in this style

Children will improvise and compose their own rhythms in this style

Physical Education

Football

National Curriculum Links

Pupils should be taught to:

- Master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and coordination, and begin to apply these in a range of activities.
- Participate in team games, developing simple tactics for attacking and defending.

Football coaching – basic skills (passing, dribbling, movement, communication) and developing team work.

PSHE

Class Life, Uniqueness and Keeping Healthy

Pupils should be taught:

- To identify how to contribute to the life of the classroom.
- To help construct, and agree to follow, group and class rules, and to understand how these rules help them.
- To identify how to lead a healthy lifestyle, including physical activity, rest and personal hygiene.
- To recognise what they like and dislike, and how to make real, informed choices that improve their physical and emotional health.

Learning Outcomes

Children will:

- Talk about and agree upon rules for the classroom and playground.
- Talk about what makes them special.
- Talk about what makes us the same and what makes us different.

**RE Links – diversity, rules/behaviour.*

- Talk about how to lead a healthy lifestyle.
- Talk about how the choices they make can affect their health.



RE

Northumberland Agreed Syllabus

Theme: What did Jesus teach?

Religion: Christianity

Key Question: Is it possible to be kind to everyone all of the time?

Learning Outcomes

Children will:

- Retell Bible stories that show kindness.
- Explore how this makes Christians behave towards other people.

Computing

Computer Skills and Staying Safe (Searching the Internet)

National Curriculum Links

Pupils should be taught to:

Use technology purposefully to create, organise, store, manipulate and retrieve digital content.

Use technology safely and respectfully, keeping personal information private.

Identify where to go for help and support when they have concerns about content or contact on the Internet or other online technologies.

Learning Outcomes:

Children will learn to:

- Log on and off independently.
- Double-click with a mouse.
- Save their work in their own folder with adult guidance
- Print their work independently.
- Talk about the importance of keeping personal information private and what to do if they have a concern (SID's Top Tips).
- With adult guidance, search the Internet to find results suitable for children.
- With adult guidance, follow links to another web page.

Mastering English

Opportunities for children to develop deep learning:

- Applying new topic vocabulary when writing across the curriculum.
- Applying 'brave writing' skills during topic led session
- Using their speech and language skills to question, discuss and explain their thinking.
- Applying learnt grammar and punctuation conventions when writing across the curriculum.

For example:

- *Writing about famous people from history, such as George Stephenson.*
- *Writing explanations about materials selected to make rafts/boats*
- *Making lists of items that float/sink*

Mastering Maths

Opportunities for children to develop deep learning:

Design Technology:

- Naming and describing shapes when constructing model trains.
- Selecting suitable shapes according to their properties and explaining their reasoning.
- Counting out the correct amount of resources when making vehicle

Investigation Possibilities

Science and DT

- Can you build a bridge that would hold a model train?
- What are the best materials for making boats/rafts?
- Does everything that is made out of metal sink?

Philosophy and Enquiry

- Should I walk to school or come in my car?
- What has been the most important invention ever?

P.S.H.E.

- Are humans better than other animals

Opportunities for Outdoor Learning

Mathematics

- Use natural materials to create representations of numbers and additions

History

- Use natural materials to make trains
- Trip to Aln Valley Railway

Science

- Test boats in tuff try outside

Art and Design

- Create train tracks using natural resources.
- Create sketches of trains and railways.