

Year 4 Aslan Base 1st Half Spring Term Information



In English we will use the classic story 'The Pied Piper of Hamelin' to inspire our own stories. We will also be writing an explanation linked to our science topic about electricity. As part of our grammar learning, we will learn how to vary the types of sentences we use: simple, compound and complex sentences.

As mathematicians we will learn mental and written methods for multiplication and division. The children will extend their knowledge of measure, looking at perimeter. They will learn about fractions, including hundredths, mixed number fractions and improper fractions.

As geographers we are learning about Europe, identifying the location of countries, cities, seas and mountains using maps. We will learn about France and how it is similar and different to the UK. We will also compare the capital cities Paris and London.

As scientists we will learn about electricity, recognising that different appliances run on electricity, the electrical conductivity of different materials and how electricity flows through a circuit. The children will learn how to make different types of circuits to light a bulb or make a buzzer work.

Dates for your diary

6th January – Spring Term begins

15th January – Swimming begins

17th – 21st February – Half-term week

How you can help at home - Encourage your child to be responsible for being ready for learning. This means remembering homework, signed diaries and letters. The children will need their reading books and home/school diaries every day.

Reading - Your help and support is really valued. Please remember to hear your child read at least three times each week.

Times Tables - Children should practise their times-tables at least twice a week on TTRockstars. If your child has flash-cards test their recall of those facts.

Spellings - Given out on Monday and will be written in the Home School Diary. The following Monday we will have the spelling test. Please help your child learn them at home, they should also use Spelling Shed.

Home learning: This will be given out each week and needs to be completed by Monday the following week.

PE: We will have PE on Tuesday. Please ensure that your child comes to school dressed in their PE kit, including trainers. Swimming will take place on Wednesdays.

English

Texts to be studied: King Alfred the Great, The Pied Piper of Hamelin

Text Genre: Biography, Traditional Tale with a moral, Persuasive Letters

GPS/phonics focus: Use of grammatical terminology, fronted adverbials, expanded noun phrases, conjunctions

Outcomes

Children will write a biography about Alfred the Great, a traditional story and an explanation of how to make an electric circuit.

Geography Objectives

I can locate countries in Europe including Russia: France and England

Use the words continent, country, state and city correctly to describe the scale of a location.

I can identify human and physical features of France, Paris and London

-I know that Paris and London both have: famous landmarks; rivers running through the city; millions of tourist visitors; excellent transport systems; museums and shops; industry e.g. (fashion and finance)

To name some physical features associated with each city
I know France and England both sit in the temperate climate zone and have mild summers and winters. Both are comparable for rainfall, although Paris is generally sunnier than London.

-I recognise physical and human features of a range of environments

-I recognise how settlement can change how land is used
I use simple geographical vocabulary to describe significant physical features (rivers, hills, cities, towns etc.)

I explain how a place has changed and suggest how it might change in the future

I identify and sequence a range of settlement sizes from a village to a city.

I describe the characteristics of settlements with different functions,

I use appropriate vocabulary to describe the main land uses within urban areas

Class: Aslan, Year 4

Dates: Spring 1st half, 2025

Topic /Focus for half term:

Geography – Europe, France and Paris

Science – Electricity

Science

Objectives:

Electricity

Identify common appliances that run on electricity.

Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.

Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.

Recognise some common conductors and insulators, and associate metals with being good conductors.

Outcomes

Children will investigate simple series circuits, identifying different parts of the circuit, switches and common conductors and insulators.

DT – Electrical Systems

Objectives Technical Knowledge

- Generate, develop, model and communicate realistic ideas through discussion and, as appropriate, annotated sketches, cross-sectional and exploded diagrams.
- Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs and buzzers.
- Apply their understanding of computing to program and control their products.
- Know and use technical vocabulary relevant to the project.

Outcome

To design, make and evaluate a product using simple circuits and switches (such as a toy or lamp). Understand and use electrical systems in the products

Maths

Areas to be studied:

Multiplication and Division; Measurement length and perimeter; Fractions

Computing

Objectives

Develop the use of count-controlled loops in a different programming environment

Develop a design which includes two or more loops which run at the same time

Design a program that uses repetition

Outcomes

Learners look at the different loops used in programming and use this to modify existing animations and games using repetition. Their final project is to design and create a game which uses repetition.

RE: Hinduism

Objectives

How does the story of Rama and Sita inspire Hindus to follow their dharma?

Outcomes: To understand how Hindus follow their duties / dharma by following the virtues shown in the story of Rama and Sita.

Other curriculum areas

PSHE: Living in the Wider World

French: Weather and Time (including days of the week, months)

Music: Learning about rhythm, pulse and beat.

PE: Gymnastics