

Al-Noor Voluntary Aided Primary School

Topic Web: Spring Half Term 2, Year 4

WRITING

- spell further homophones
- use the first two or three letters of a word to check its spelling in a dictionary
- write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.
- increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].
- discussing and recording ideas
- composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- organising paragraphs around a theme
- assessing the effectiveness of their own and others' writing and suggesting improvements ☑ proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences

READING

Listen to and discuss wide range of text types; Draw inferences and justify with evidence; Make predictions; Discuss words/phrases that capture reader's interest; Discuss books that are read to them and those they read themselves, Listen to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks

MATHS

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten, Recognise and show, using diagrams, families of common equivalent fractions, Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number, Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number, Add and subtract fractions with the same denominator, Recognise and write decimal equivalents of any number of tenths or hundredths, Find the effect of dividing a one or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones tenths and hundredths, Compare numbers with the same number of decimal places up to two decimal places, Round decimals with one decimal place to the nearest whole number, Recognise and write decimal equivalents to one half, one quarter and three quarters, Solve simple measure and money problems, involving fractions and decimals to two decimal places. Estimate, compare and calculate different measures, including money in pounds and pence

PRINCIPLE:	The Principle of Cycle
ETHOS THEME:	Allah swt is Al Khaliq who made us all and made systems and cycles that sustain humanity and life and the earth environment that sustains us through complex food chains and webs and eco-systems.
SUSTAINABILITY THEME:	How can we protect rainforests?
ENQUIRY DRIVER:	What cycles do forests (and rain forests) go through?
BOOKS:	Poems By Grace Nichols James and the Giant Peach
VOCABULARY:	tropical, vibrate, volume, distance, pitch, Tropics of Cancer/Capricorn, climate, vegetation
ENRICHMENT/TRIPS:	Science Museum

COMPUTING

Design a research question and use data to answer it. Make predictions about data gathering in a real world setting. Use and track data on data logging devices. Compare results and draw conclusions. Use technology safely, respectfully and responsibly; know a range of ways to report concerns and unacceptable behaviour. Use and combine a variety of software (including internet services) to accomplish given goals, including presenting information

PE

Children will play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending.

They will then compare their performances with previous ones and demonstrate improvement to achieve their personal best.

GEOMETRY

The children are taught about the patterns of nature, evidencing the beauty and precision of Allah's creation, are everywhere. They can be seen around us and in us, and in forms beyond this world. They can be seen in patterns of circles and spirals and in the proportions of different living things. Children are taught that in order to develop, to operate and to survive, nature's patterns require feedback among themselves.

ART:

This unit of work is based around the theme of rainforest and provides cross-curricular links to prior learning in science – habitats. Children learn how to make a traditional mola (famous native artwork from Panama) and create a rainforest diorama. It provides opportunities to extend skills in drawing, painting and sewing. Children will be: using sketchbooks to collect and record visual information and ideas from different sources, deciding on the best design from their sketchbook and using this to inform future work, trying out and evaluating their ideas, designing for a range of different ideas and products, drawing from observation, memory and their imagination, drawing lines and shape with increasing accuracy and detail, Cutting and arranging paper to make compositions, Working from a variety of sources including observation, photographs and digital images, using different grades of pencil and other implements to create lines, draw different shapes and forms and to produce variations in tone, Using initial sketchbook ideas to create motifs that are made into printing blocks and stencils, printing using stencils, creating different printing effects by using: repeating patterns, rotation and colour overlays.

SCIENCE:

NC OBJECTIVES: To be able to identify and classify carnivores, herbivores and omnivores. To be able to construct and interpret a variety of food chains. To identify the different types of teeth in humans and identify their functions. To explore different ways of keeping teeth healthy. To investigate how the digestive system works. To be able to describe the functions of the basic parts of the digestive system.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Children will be looking at how eating well and having a healthy lifestyle can impact their digestive system.

GEOGRAPHY:

Children will find out what a rainforest is and where they are found. They will explore the layers of vegetation in a rainforest and investigate the climate of the rainforest. They will then find out about the people and settlements of the rainforest. Finally, they will explore why the rainforest is under threat and the measures taken to protect it.

D&T

Taught next half term

HISTORY

Taught next half term

PSCHE

Responsibilities: children learn about their responsibilities, rights and duties; identify the consequences of vandalism for individuals and communities; know how young people can get the best online experience when using age-appropriate social media and seeing digital adverts; know how advertising rules shape the adverts that young people see on social media

ISLAMIC STUDIES

Parents
Ties of kinship
Neighbours
Generosity
Orphans

QUR'AN

Qur'an: Al Baqarah (231-247) ,

Reading: Abasa

Tajweed:

The rules of Laam Saakinah (lam-u-Fia'li al-idghaam

The rules of Laam Saakinah (Laam Ash-Shamsiyyah).

ARABIC

In Year 4 children we will continue to learn about different stories in Arabic, however this half term Arabic spelling will be supplemented by exercises in Arabic morphology. Children need to be confident in declination of verbs in past and present. Alongside that we will continue to cover a set of Arabic stories and write our own story version.