

Al-Noor Primary School

Topic Web: Autumn Half-Term 1, YEAR 4

READING

NC OBJECTIVES: Discuss and record information. Read for information: scan for specific information. Discuss the features of biographical writing.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Allah sustains our lives by giving us everything we need on Earth to stay alive and He replenishes them. He provides us with the skills and ability to travel to Space.

WRITING

NC OBJECTIVES: Retrieve and record information from non-fiction. Discuss writing similar to that which they are planning to write. Assess own and other's writing; Propose changes to improve consistency; Proof-read for errors. SPAG (spelling and grammar); Choose nouns/pronouns appropriately. Use fronted adverbials. Learn what possessive pronouns are and how they are used. Use determiners effectively. Use adverbs and adverbials.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Allah sustains our lives by giving us everything we need on Earth to stay alive and He replenishes them. He provides us with the skills and ability to travel to Space.

MATHS

NC OBJECTIVES: Recognise the place value of each digit in a 4-digit number (1,000s, 100s, 10s, and 1s), Round any number to the nearest 10, 100 or 1,000, Count in multiples of 6, 7, 9, 25 and 1,000, Identify, represent and estimate numbers using different representations, Recognise the place value of each digit in a 4-digit number, Order and compare numbers beyond 1,000, Read Roman numerals to 100 (I to C) and know that, over time, the numeral system changed to include the concept of 0 and place value, Find 1,000 more or less than a given number, Order and compare numbers beyond 1,000, Count in multiples of 6, 7, 9, 25 and 1,000, Count backwards through zero to include negative numbers, Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate, Estimate and use inverse operations to check answers to a calculation, Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

COMPUTING

NC OBJECTIVES: Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Select, use and combine a variety of software (including internet services) on a range of digital devices. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

RELEVANT CROSS-CURRICULAR OBJECTIVES: We are dependant on using computers to complete work and research to help us learn/find information we need.

ART

NC OBJECTIVES: Understand the historical and cultural development of art forms. Collect visual and other information to help them develop ideas. Apply their experience of materials and processes including drawing and painting. Learn about great artists, architects and designers in history. Designing and printing a central motif. Displaying mosaics; adapt their work according to their views and describe how they might develop it further.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Children are taught that in art mosaic, triangles are the predominating geometric shape. Children are made aware that the pieces of a mosaic are interdependent on each other when forming a final piece of artwork.

PSCHE

NC OBJECTIVES: Looking at the dynamics and the importance of families and how it relates to other relationships outside of the family. The range of emotions we may have in relation to situations and the strategies we can use to help regulate those emotions.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Children learn that the relationships within a family and outside are interdependent as they help us to learn and understand how to build healthy relationships and regulate are emotions.

PRINCIPLE:	Interdependence
ETHOS THEME:	Allah is Rabb- He sustains or life by giving us everything we need on earth to stay alive and He replenishes them
SUSTAINABILITY THEME:	Understanding and promoting solar energy
ENQUIRY DRIVER:	How can we prepare for life in space?
BOOKS:	A Huge First Step
VOCABULARY:	Vocabulary related to Space
ENRICHMENT/TRIPS:	Roman Invasion DDD

PE Gym Sequences

NC OBJECTIVES: develop flexibility, strength, technique, control and balance, explore different ways of traveling safely around the gym, devise and perform a gymnastic sequence, showing a clear beginning, middle and end, performing different balances and developing knowledge of what makes a good balance, developing knowledge and understanding of the 5 basic jumps, develop the range of actions, body shapes and balances they include in a performance, use compositional devices when creating their sequences, such as changes in speed, level and direction.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Children are taught that interdependence is a predictor of initiative, positive relationships and teamwork when devising and performing a gymnastic sequence as a group.

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 interdependence and feedback among themselves.

HISTORY

NC OBJECTIVES: Understand the terms invade and settle. Children will look at British history and will place the Romans on a timeline. Find out how and why the Romans invaded Britain. Find out who was in Britain when the Romans invaded and learn about their way of life.

RELEVANT CROSS-CURRICULAR OBJECTIVES: The children are taught that Romans were interdependent on trading with other countries, for example, China.

SCIENCE

NC OBJECTIVES: To compare and group materials together according to whether they are solids or liquids. To observe that materials change state when they are heated or cooled. To research the temperature in degrees Celsius (°C) at which materials change state. To understand the process of evaporation. To understand the process of condensation. To identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Children learn that temperature, pressure, amount and volume of a gas are interdependent. They then explore scientific laws to describe the relationships among them.

GEOGRAPHY

Taught next half term

DESIGN & TECHNOLOGY

Taught next half term

ISLAMIC STUDIES

OBJECTIVES: Names of Allah: Al-Ghaffar, Al-Muntaqim, Al-Adl, As-Shakur, Al-Wadud/Angels and their duties/ Gardens of paradise and fire of hell/Signs of the last day Part 1/Day of Judgement/Miracles/Characteristics and duties of Prophets/Sins and shirk

QUR'AN

OBJECTIVES:
 Qur'an: Al-Mutaffifeen
 Reading: Al-Baqarah 201-216
 Tajweed: Revision of Noon saakinah and tanween and The Rules of Meem Saakinah.

ARABIC

OBJECTIVES:
 Recap of year 3 topics (Introductions and Weather)
 New topic: Subjects we study in school