

Al-Noor Voluntary Aided Primary School

Topic Web: Autumn half-term 2, YEAR 5

READING

NC OBJECTIVES:

- read and discuss an increasingly wide range of non-fiction
- explore the meaning of words in context

Cross-Curricular Objectives: Pupils will study non-fiction texts regarding plastic pollution They will also look at news articles and briefly study the e-book, 'Animals on the move' with a focus on sea creatures.

WRITING

NC OBJECTIVES:

Plan their writing by:

- discussing writing similar to that which they are planning to write in order to understand and learn from its structure, paying attention to vocabulary and grammar
- draft and write by: composing and rehearsing sentences orally, progressively building a varied and rich vocabulary and an increasing range of sentence structures
- evaluate and edit by: -proof-reading for spelling and punctuation errors

Cross-Curricular Objectives: -Pupils will study the non-fiction texts write a report about an endangered animal that lives in the ocean. They will also write a persuasive speech encouraging others to reduce their plastic footprint.

MATHS

NC OBJECTIVES:

Statistics—interpreting line graphs and tables

Multiplication and Division—multiples, factors, prime numbers, square and cube numbers, inverse operations, multiplying and dividing by multiples of 10, 100 and 1000

Measure, area and perimeter—calculating and estimating perimeters and areas

COMPUTING

NC OBJECTIVES:

Topic: Video Production

Learners will learn how to create short videos by working in pairs or groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video. Learners are guided with step-by-step support to take their idea from conception to completion. At the conclusion of the unit, learners have the opportunity to reflect on and assess their progress in creating a video.

ART

(DT focus this term)

Principle:	Interdependence
ETHOS THEME:	Animal Welfare - Allah encourages kindness towards all creatures on earth. Cruelty towards a creature is a sin. Animals form communities and they support humans (linked). Creatures worship Allah too. Cruelty in any form is a form of oppression and on the DOJ we have to return the rights to those we have wronged. Talk about the importance of stories of animals in the Qur'an.
SUSTAINABILITY THEME:	Working together to protect our sealife and prevent plastic pollution in our waters. Develop the recycling programme at school .
ENQUIRY DRIVER:	How can we ensure our sealife (marine ecosystems) are protected and waters are not polluted?
BOOKS:	How plastic pollution is choking the world's oceans-Trash Vortex. What a waste
VOCABULARY:	Interdependence/sustainability/eco-systems/biodiversity/recycling/marine life/biomes/social change
ENRICHMENT/TRIPS:	River Thames Project/Sea life centre
HOMEWORK/PROJECTS:	Carry out research into sea life
CULTURAL CAPITAL:	The importance of the River Thames

DESIGN & TECHNOLOGY

NC OBJECTIVES:

Topic: Food - Celebrating culture and seasonality

In this unit pupils will learn about a variety of food from around the world. They will investigate a range of products, including seasonal, locally sourced and Fair Trade products. They will evaluate products that could be added to a basic recipe and will consider how they affect the taste, appearance, texture and smell. Pupils will continue to develop skills in using a range of equipment and utensils to prepare ingredients and will follow a basic recipe to make a product. Children will design a healthy eating product for an intended user and purpose by adding ingredients to a basic recipe. They will apply their learning from the unit to make their product and will evaluate their completed products, judging the extent to which they have met the original

GEOMETRY

The first principle of Harmony is that of geometry: which translates as an understanding of the extraordinary patterning and symmetry that exists in Nature. our first aim therefore is to help our children learn how to recreate these patterns and symmetry by drawing out the circle and spiral forms that make them. Importantly the children learn to be very accurate in their geometry work to ensure they recreate these beautiful forms as they truly are. What this work does is to generate a new language of learning.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Pupils will consider geometry during their topic .

PE

NC OBJECTIVES:

Gym Sequences

- practise body shapes (asymmetrical and symmetrical) and balances
- To use and refine the following skills: flexibility, strength, balance, power and mental focus.
- To develop skills for movement, including rolling, bridging and dynamic movement.
- To use counterbalances and incorporate them into a sequence of movements.
- To perform and evaluate own and others' sequences.

SCIENCE

NC OBJECTIVES: Animals including humans

Pupils will learn about the stages of growth and development in humans. They will study the stages of gestation of different animals. Pupils will recognise the stages of development during childhood and understand the needs of children at those stages paying attention to different points in the human life cycle.

Finally pupils will be encouraged to work scientifically by researching the gestation periods of different animals and making sound comparisons. Also they will understand how the body changes during adulthood and old age.

Cross-Curricular Objectives:

PSCHE

OBJECTIVES

Topic: Physical contact and feeling safe; Responding respectfully to a wide range of people; recognising prejudice and discrimination/ SEAL – Say No to Bullying

GEOGRAPHY

NC OBJECTIVES:

Pupils will locate the countries of the UK

Pupils will label the rivers, seas and oceans in the UK

Explain facts about the River Thames

HISTORY

NC OBJECTIVES:

ISLAMIC STUDIES

Objectives:

Types of rulings/ Wudhu: fard, Sunnah and makruh/ Ghusl: Fard, Sunnah and makruh/ Times of salah/ Forbidden and disliked prayer times

QUR'AN

OBJECTIVES:

Qur'an: Al- Insaan,

Tajweed: Madd Al-lwad, Madd Al-leen

ARABIC

OBJECTIVES:

In Year 5 we will be learning about home and neighbourhood.

Children will learn to give directions in town.

Identify where different buildings are and speak about their daily routine.