

Al-Noor Voluntary Aided Primary School

Spring Half Term 1

READING

NC OBJECTIVES:

- read and discuss an increasingly wide range of fiction non-fiction
- explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary

Cross-Curricular Objectives: Pupils will study the dystopian science fiction text: *The Boy In the Tower (Polly Ho Yen)* and read texts across the curriculum linked to their principle and enquiry driver.

WRITING

NC OBJECTIVES: Composition: plan their writing by:

- in writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning

Cross-Curricular Objectives: Pupils will study the dystopian science fiction text: *The Boy In the Tower (Polly Ho Yen)* and they will write their own short imagined dystopian story (eco dystopic fiction) based around an environmental theme of their choice where they will catastrophize an element of nature that has been neglected and not preserved by humans, which ultimately leads to grave consequences for human life.

MATHS

NC OBJECTIVES:

- Multiplication and division
- Converting between improper fractions and mixed numbers
- Equivalent fractions
- Comparing and ordering fractions
- Fractions as division
- Adding and subtracting fractions

COMPUTING

Programming - Selection in physical computing

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data

ART

NC Objectives: Pupils will be: Using sketchbooks to collect and record visual information and ideas from different sources. Working from a variety of sources including observation, photographs and digital images. Making marks and lines with a wide range of drawing implements. Extending their knowledge of colour theory through mixing primary and secondary colours, tints, tones and shades.

Cross-Curricular Objectives: Pupils will focus on the biodiversity of plants and begin by studying images of famous artwork by a diversity of artists. They will make observational drawings of flowers and trees, adding appropriate colour. Also they will complete paintings of flowers and trees.

Ayaat/Hadeeth:

"And there is no creature on [or within] the earth or bird that flies with its wings except [that they are] communities like you. We have not neglected in the Register a thing. Then unto their Lord they will be gathered." (TMQ 6:38)

Principle

The Principle of Diversity - It is the understanding that the richness and strength in our world lies in its diversity. Pupils will learn about the importance of preserving 'biodiversity' in the UK on all levels; the amazing variety of living species on Earth (plant, animals, wildlife, bacteria, fungi, ecosystems and humans).

ETHOS THEME:

The Qur'an says that Allah (God) is the creator of the world. Human beings are on the world as trustees or viceregents - they are told to look after the world for Allah and for the future. Muslims believe that all people are guardians of the planet and have a duty and responsibility for its care (biodiversity conservation)

SUSTAINABILITY THEME:

Working together to protect our local biodiversity and hence our green spaces.

ENQUIRY DRIVER:

How can we preserve our green spaces in the UK?

BOOKS:

The Boy In The Tower

VOCABULARY:

Diversity/biodiversity/green space/urbanisation/dystopian/sustainability/environment/

ENRICHMENT/TRIPS:

Trip to an outdoor greenspace

HOMEWORK/PROJECTS:

Create a photo album capturing green-spaces with wildlife e.g. local park

CULTURAL CAPITAL:

World Heritage Sites in the UK

DESIGN & TECHNOLOGY

NC OBJECTIVES:

Art will be the focus for this term.

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. 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 when completing their art outcomes.

PE

NC OBJECTIVES:

Nimble nets-Net Games/tennis: Send and receive a ball with a racquet with increasing accuracy to a target, space or team mate. Use space well by finding and moving into a free space. Be able to hit a ball over different height barriers. Begin to use forehand, backhand and over head shots.

SCIENCE

NC OBJECTIVES:

Living things and their habitats: describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants.

Cross-Curricular Objectives:

Pupils will link their science terminology to their principle of Interdependence and focus on the word 'ecosystems'. Nature's systems are wholly interdependent and interconnected – nothing is separate. Each element within an ecosystem has a value and a role to play. When certain elements within the system are lost or in any way degraded, the system is weaker and poorer for it.

PSCHE

OBJECTIVES:

Topic: Protecting the environment and learning about the Media

- benefits of community participation, voluntary and service-based activity on mental wellbeing and happiness
- to identify different types of media and their different purposes

GEOGRAPHY

NC OBJECTIVES: Environmental effects of Urbanisation: Describe and understand key aspects/features of: vegetation belts (green spaces), study the places that form the habitats of local wildlife (biogeography), human geography: focusing on urbanisation and land use (e.g. building of homes/businesses) and use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

RELEVANT CROSS-CURRICULAR OBJECTIVES: Pupils will learn the value of green spaces in our city and how urban areas like London are the most biologically diverse habitats in the country. They will study how this diversity is coming under pressure from building from accommodation and business, to people simply paving over their green spaces and cutting down trees. Pupils will explore the purpose of Urban Sustainability and learn about its strategies to conserve biodiversity and at the same time plan for land use to meet the needs of people. Also, pupils will study The Wildlife Trusts' Wind in the Willows campaign film that aims to stop the rapid depletion of the UK's natural landscape.

HISTORY

NC OBJECTIVES:

Geography focus this term

RELEVANT CROSS-CURRICULAR OBJECTIVES:

ISLAMIC STUDIES

Objectives:

Basics of tayyammum
Sunnah muakkadah and ghayr muakkadah
Witr
Fard acts of salah
Breakers of salah
Disliked acts in salah

QUR'AN

OBJECTIVES:

Qur'an: Al-Qiyaamah

Tajweed:..Madd Al-Badal, al-Madd al-A'ridh li Su-koon

ARABIC

OBJECTIVES:

In Year 5 we will be learning about hobbies and things children do in free time.

Children will learn in Arabic to speak about their favourite hobbies.