

# Al-Noor Voluntary Aided Primary School

## Topic Web: Spring Half Term 2.1, Year 4

### WRITING

**NC OBJECTIVES:** Identify text types, Use nouns and pronouns effectively and appropriately to avoid repetition and ambiguity, Read differently structured books; read for range of purposes; Understand what they read, in books they can read independently; Check that text makes sense and is in context. Identify how language, structure and presentation contribute to meaning, Discuss words/phrases that capture reader's interest, Choose nouns/pronouns appropriately, Speculate, hypothesise, imagine and explore ideas, Discuss writing similar to that which they are planning to write; Use simple organisational devices in non-narrative material, Assess own and other's writing; Propose changes to improve consistency; Proof-read for errors.

**RELEVANT CROSS-CURRICULAR OBJECTIVES:** Children will be looking at a non-fiction text regarding sports and staying fit and healthy and consider how exercise contributes to this.

### READING

**NC OBJECTIVES:** 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

**RELEVANT CROSS-CURRICULAR OBJECTIVES:** Children will read various non-fiction texts related to different sports.

### MATHS

**NC OBJECTIVES:** To solve problems using multiplication and division, Multiply two-digit and three-digit numbers by a one-digit number using formal written layout, Recognise and use factor pairs and commutativity in mental calculations, Find the area of rectilinear shapes by counting squares, Estimate, compare and calculate different measures, including money in pounds and pence, 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, add and subtract fractions with the same denominator, 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, 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.

### ART:

**NC OBJECTIVES:** To respond to what is observed or remembered through painting, To understand the qualities and effects of a range of painting media, To use painting techniques for different purposes, To learn about the work of artists from different times and cultures, To respond to imagination through drawing.

**RELEVANT CROSS-CURRICULAR OBJECTIVES:**

Children in this unit of work children develop their skills and technique when using watercolour paints. This is achieved through a study of landscape paintings of famous artists.

PRINCIPLE:	The Principle of Health
ETHOS THEME:	Allah is Al-Qayoom and Al-Muqet (The Sustainer, The Self-Subsisting) The One who is established on His Own and by Whom all things subsist. He sustains, protects and oversees. He provides, preserves, watches and manages all that exists. He needs no food nor drink, for He is the One who feeds but is not fed. He is absolutely free of any need from all of the creation.
SUSTAINABILITY THEME:	Sourcing organic foods
ENQUIRY DRIVER:	How can we take care of our mental health?
BOOKS:	The Most Incredible Sports/ James and the Giant Peach
VOCABULARY:	Perseverance, aerobic, endurance training, supplements, spectators, omnivores, carnivores, herbivores
ENRICHMENT/ TRIPS:	Wellbeing Day

**PSCHE:** Developing confidence and responsibility : To understand what it means being part of a community and know about who works with the local community, To understand about the role of MPs in representing local people in Parliament, To know what councillors do, including how they make decisions, To understand why it's important to keep personal information private online, To describe ways to keep personal information private online by using safety tools and privacy settings, To describe strategies to respond to hurtful online behaviour, in ways that keep us safe and healthy

### SCIENCE:

Children will learn about how sounds are created, then explore the way sounds are produced by a variety of instruments or resonant objects. Children will learn about how sounds travel through different materials. They will give reasons why they think some materials will transmit sound better/worse than others, then investigate. Children will explore ways in which sounds change as you move further away from its source. They will suggest reasons for their findings. Children will learn about why it is sometimes necessary to prevent sounds from travelling, then investigate the soundproofing effectiveness of a range of materials. Children will learn about pitch and volume, then investigate ways in which they may be altered by a variety of instruments or resonant objects. Children will consider how the pitch of notes produced by stringed instruments is altered, then investigate further by experimenting with instruments or by making instruments.

### ISLAMIC STUDIES

Fasting Ramadan  
Islamic calendar  
Virtues of actions  
Good character and brotherhood/  
sisterhood  
Love for the prophet

### QUR'AN

Surah: Baqarah 221-230

At Takweer

Tajweed:

Al-Idhar Ashafawi, The rules of Laam Sakinah (laam Al-gamariyyah).

The rules of Laam Sakinah (Laam Al-Shamsiyyah).

### COMPUTING

#### Programming A repetition in shapes

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.

### PE

To select and maintain a running pace for different distances., to practice throwing a ball with power and accuracy, to throw safely and with understanding, to demonstrate good running technique in a competitive situation., to explore different footwork patterns.

**RELEVANT CROSS-CURRICULAR OBJECTIVES:**

• Pupils are taught to use running, jumping, throwing and catching in isolation and in combination. They are given opportunities to communicate, collaborate and compete with each other.

### 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.

### HISTORY:

Children will learn about Greece and to place the ancient Greek civilisation in time. They learn about the differences between Athens and Sparta and to understand the term 'democracy'. They also learn about ancient Greek warfare, about daily life in ancient Greece and finally, about how the ancient Greek civilisation impacted the modern world.

### D&T

Taught next half term

### GEOGRAPHY

Taught next half term

### ARABIC

Children will be learning about different stories and tales in Arabic language. The aim is to create interest in the Arabic culture and practice retelling stories we read in Arabic. To achieve this, children will read a selection of stories. Children will be introduced to the stories of Nasruddin Juha.