

Greensprings School Lagos
Year 6 Term 1 Curriculum Guide 2017/2018 Session

FULL POWER!
ELECTRICITY

In **International**, we will find out:
-About issues concerning electricity in the future

In **history**, we will explore:
-Who discovered electricity
-World War I
-World War II (*What and who started it, which countries were involved and Adolf Hitler's Impact*)

In **mathematics**, we will explore:
-Number and place value- place value in 6 digit numbers (additions/subtractions), placing 6 digit numbers on a line and compare pairs of numbers using < and >
-Place value in numbers with three decimal places on lines.
-Rounding to the nearest 0.01, 0.1 or 1.
-Multiplication and division- Use grid multiplication to multiply 3-digit numbers by 2-digit numbers, Use long multiplication to multiply 3-digit numbers by numbers between 10 and 20
-Fractions- multiplication and division, addition and subtraction
-Decimals- addition, subtraction, multiplication and division.
-Parts of circles, classifying quadrilaterals, nets for a cube, build pyramids and prisms, making nets.
-Identifying different angles and finding missing angles in a polygon.
-Convert between grams and kilograms, metres and kilometres and vice versa, approximate conversion between miles and km
-Line graph and read intermediate points;
-Time and calculate time intervals using the 24-hour clock and add lengths of time,
-Reading timetables using the 24-hour clock; calculate time intervals (at least 3 hours).
-Word problems and algebra

In **science**, we will find out:
-How to make an electrical circuit
-How we can change a circuit
-How to draw a circuit diagram
-How to build circuits from diagrams
-About the different kinds of circuits
-How to make an electric wire-loop game
-About electricity and heat
-About the dangers of electricity
-How light travels in a straight line until it meets an object
-How we see things
-How to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
-How to design a car's headlights, horn and fan

In **art**, we will:
-Convey movement in art work
-Dynamic activities such as sport, dance, drama and music for making an art work in two dimensions
-Design Christmas greeting cards
-Explore print making
-Explore still life drawing.
-Use sculpture to show movement.

In **French**, we will:
-Explore time
-Explore names of places in our school
-Inquire about school subjects and time-table
-Learn to make self introduction
-Learn to exchange greetings using appropriate vocabulary
-Name of classroom objects
-Inquire about leisure and favourite activities
-Name rivers and continents on a map using correct pronunciation
- Develop our understanding of the notion of gender for proper nouns such as rivers and continents
-Use of weather phrases in the immediate future tense
-Name and pronounce correctly some geographical features

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Being Human
The Human Body

In **computing**, we will explore:

- Multimedia presentations
- Use video editing software to edit a video
- Use storyboards in a movie maker and add effects
- Work with spreadsheet
- Write, illustrate, test and debug algorithms.

In **science**, we'll be finding out:

- How humans are different from other animals
- About the brain and the nervous system
- About the bones and muscles in the body
- How the human heart works
- How we breathe and what the lungs do
- What we inherit from our parents
- How our environment affects us
- How the body uses food and water

In **PE**, we will:

- Explore skills and tactics over a range of team games
- Explore the techniques for water safety and competence linking to real life situations and the basic skills of freestyle swimming
- Acquire skills that will develop from basic to complex that can be applied over a range of sports
- Explore the accurate replication of techniques of basic to complex movements in gymnastics and dance

In **music**, we will:

- Sing or play the recorder expressively with controlled pitch
- Explore rounds and sing a round in two parts and identify the melodic phrases and how they fit together
- Create moods using music and lyrics

In **NCS**, we will explore:

- Marriage tradition in Yoruba land
- Traditional rulers
- African slave trade
- Recreational activities
- Numbers to 20 in Yoruba, Igbo, and Hausa
- New Yam Festival

In **English**, we will:

- Read historical stories and compare with play and film versions
- Write dialogue, letter, play script and descriptions of characters and settings
- Read two personal recounts, in 1st and 3rd person
- Identify features of recounts and study adverbials, use of commas and perfect verb forms
- Write a sequel to a story
- Use a narrative poem to identify features that poets use for effect
- Explore the use of historical language and relative clauses to add details
- Learn part of a poem by heart, compare it to other poems and write a new ending
- Explore and express feelings of being different or feeling alien; write about a time when we have experienced these feelings
- Explore texts from the websites; features of informal and formal writing
- Compose About Me profiles and pen blog posts
- Write for an information website
- Use poetry to create vivid characters and build tension; using classic poems
- Explore the language of older poetry and compare modern interpretations
- Write dialogue, consider whether the villains *really are* villainous and write a new poem