

# Year 6



At Orchard Academy we are

Ready



Respectful



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## Spring Term 1 Human Migration

### English

This term in English we will be completing a non-fiction unit looking at encyclopaedias. We will be learning all about the purpose of encyclopaedias and the different features commonly found in these texts. The children will be creating their own encyclopaedia entries based around their own mythical creatures. Following this, we will be completing a fiction unit based around portal stories. We will be focusing on different features and developing authorial voice throughout.

### Maths

In maths we will be finishing our unit on fractions that the children began before the winter holidays. We will be consolidation understanding of adding, subtracting, multiplying and dividing fractions. We will then be looking at the four main operations and order of operations, ensuring the children understand how to answer multi-step questions effectively. We will also spend time looking at units of measurement including time and converting between different units.

### Science

This term we will learn more about electricity and how to describe the parts of an electric circuit. We will explore voltage and its effect on an electrical circuit. We will begin to apply our knowledge and identify and correct problems in a circuit. Our investigation be where we will learn about what affects the output of a circuit. We will be able to apply the knowledge of conductors and insulators to our learning.

### Humanities

We will understand that people migrate from place to place for different reasons. We will know and identify with some of the different migrations that have happened and how they have shaped the world we live in today. We will be able to identify push and pull factors of migration. We will learn about how people migrate from one place to another and whether everyone has a choice.

### PSHE

This unit will explore the theme of personal goals and setting challenging but realistic goals for ourselves. We will explore motivation and the learning steps needed to take to reach our goals. A key element of this unit will be to identify problems on the world that concern us and talk to other people about them. We will look at how people can work together to make the world a better place.

### Religious Education

We term will be learning about Christianity and understand how to make the world better place. I will know what king Jesus was and the kind of kingdom he would want. I will also understand the idea of the kingdom of heaven and how this helps to influence our lives on earth.

### Music

We will be able to identify key musical devices in a song and develop the ability to compare different styles of the same song. We will consider why differences are needed. We will learn a new song to perform in different styles.

### Art

We will be designing and making African masks and exploring the work of Chris Ofili. We will be exploring different materials used to make masks and designing our own mini African masks. We will explore the use of colour and tone in our individual work.

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### Key Vocabulary

|            |  |
|------------|--|
| English    | Encyclopaedia, non-fiction, information, fiction, purpose, author                                |
| Maths      | Fraction, numerator, denominator, metric, imperial, BIDMAS, unit, convert                        |
| Science    | Circuit, circuit diagram, symbol, battery, wires, voltage, conductor, insulator.                 |
| Humanities | Emigrant, immigrant, immigration, migration, forces, voluntary, country                          |
| PSHE       | Dream, hope, goal, learning, strengths, achievements, personal                                   |
| Music      | Pitch, rhythm, pulse   |
| Art        | Colour, tone, Africa, Chris Ofili, biography   |
| Spanish    | ¿Tienes una mascota?= Do you have a pet?<br>un=a/an (masculine form)<br>una=a/an (feminine form) |
| Computing  | String, variable, real world   |
| RE         | Christian, peacemaker, forgiving, justice, generous, peaceful                                    |
| PE         |  |

### Computing

We will be able to demonstrate proficiency in understanding what variables are and how they are used. We will be able to choose how to improve and design a game using variables. We will be designing and creating our own programs to improve our games.

### Spanish

Our theme will be about pets Tienes una mascota? We will learn 8 different pets in Spanish with their corresponding indefinite articles determiners. We will be introducing the first person and structure so that we can expand our descriptions of our pets.

## PE

### Homework

Homework will be sent home on Friday and returned Wednesday. It will include key spellings, time tables, a reading challenge and the option of a selection of topic based activities.

### How you can help at home

Read Read Read! Share as many different opportunities to read as possible. Join the library. Share a comic. Research information online. Make spelling practice fun and colourful. Make all learning fun and real. Practice maths skills through cooking, measuring and shopping. Practice the times tables as a daily routine to ensure they are embedded. Introduce telling the time and please help your child tie their shoe laces!