

# Year 6



At Orchard Academy we are

Ready



Respectful



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## Spring Term 2

### English

In English this term, year 6 will be continuing with their portal stories, working hard on writing to entertain an audience. We will look at manipulating sentences to create different reactions from a reader, thinking about creating tension and suspense using different grammatical features. Following this we will look at biographical writing. We will revisit the children's knowledge of non-fiction writing techniques considering what makes a biography interesting to a reader.

### Maths

In maths, we will begin the term by looking at scale factors and scale distances before moving on to some algebra work. We will look at algebraic formulae to help find missing numbers and find patterns in linear sequences. Finally, we will move on to our statistic unit, looking at different types of graphs and charts, as well as interpreting data in different ways.

### Science

This term we will learn about animals, including humans. We will understand the function of the heart and its role in the circulatory system. We will identify and compare blood vessels and explore blood. We will learn how the body transports water and nutrients. Our investigation will look at what affects our heart rate and the impact of drugs and alcohol on the body.

### Humanities

This term we will have the opportunity to look at The Civil Rights Movement as an aspect of non-European history. We will know where America is and what life was like in the 1950's and what restrictions black people faced. We will learn about the Supreme Court and why Oliver Brown went there. We will learn about Rosa Parks, Martin Luther King and know what BLM stands for and why it started.

### PSHE

This unit will explore the theme of gangs and illegal activities, where we will learn about taking responsibility for our health and make choices that will benefit our well being. We will learn about different types of drugs and their uses and effects on the body, particularly the liver and heart. We will explore why some people join gangs and the risks this involves.

### Religious Education

We will know what Christians believe Jesus did to 'save' people. We will begin to make connections between Jesus' death and how Christians celebrate holy communion. We will consider sacrifices in our own lives and the world today. We will explore and analyse a religious text.

### Music

We will be able to listen with attention to detail and recognise / identify key features in the music. We will use music vocabulary and knowledge to compare pieces of music. We will learn to appreciate a wide range of music and learn to interpret a score and perform a piece of music using body percussion.

### Art

We will understand the different types of vehicles and their uses. We will design a vehicle that incorporates a circuit for sound or light. We will learn how to create the vehicle body using card and a net. Our project will involve evaluating the functionality and design of the completed vehicle.

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## Key Vocabulary

|            |   |
|------------|---|
| English    | Manipulating, Creating, Reactions, Tension, Suspense, Features, Biographical, Biography         |
| Maths      | Scale factors, Scale distances, Algebra, Patterns, Sequences, Graphs, Charts                    |
| Science    | Ventricle, atrium, vessel, circulatory system, valves   |
| Humanities | Segregation, separate but equal, civil rights inequality  |
| PSHE       | Responsibility, choice, immunisation, prevention  |
| Music      | Duration, pitch, tempo, timbre, structure, style  |
| DT         | Vehicle, function, chassis, design, transport   |
| Spanish    | ¿ Dónde vives?=Where do you live? Vivo en...=I live in... Una casa=A house Un piso=An apartment |
| Computing  | Data, collecting, table, structure  |
| RE         | Stations of the cross, lost, found, Jesus   |
| PE         |   |

## Computing

We will be able to demonstrate proficiency in understanding collecting data and how to put this into spreadsheets. We will be able to explain which data can be used in calculations. We will be able to use the spreadsheets to produce charts and answer questions.

## Spanish

Our theme will be Mi Casa (My home). We will learn to say what type of property we live in and explore the language used in describing various rooms in a house. We will learn to apply this language in a role play setting.

## 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!