In **geography**, we will be learning about the River Rhine and the Mediterranean, looking at how the river changes from its source to its mouth and how rivers affect the settlements around them. After half term, we will be looking at a unit on population, where we will be discussing migration, focusing on London and Cardiff.

In **computing**, we will be learning about the internet: how it works and why it is important to stay safe when working online. We will be exploring websites and learning how to determine whether an online source is reliable or not. After half term we will be creating and editing our own podcasts.

In **religion and worldviews**, we start our exploration of Christianity which will take us up until May half term. In the autumn term we will focus on the family of Jesus and the birth of Jesus.

In **physical education**, we will be developing our tennis skills and improving our hand-eye coordination. We will practise forehand and backhand strokes and begin thinking about our serves. In indoor PE, we will be doing some yoga and learning how stretches and breathing help our general well-being. After half term, we will move to dance and tennis.

In **music**, we will listen to, sing and move in time to songs in a gospel style. We will create a mood scene based on a given set of instruments. Later in the term, we will continue to develop our skills playing the ukuleles.

In **mathematics**, we will begin by looking at place value in numbers up to 5-digits. We will then focus on each of the four operations, embedding our written methods as well as practising our mental maths skills. We will also spend some time on length and calculating the perimeter of various shapes. Learning times table facts is vitally important – by the end of Year 4, children should know all facts up to 12 x 12. Regular practice on TT Rockstars is a key part of our home learning expectations.

In **history**, we will find out about the development of the Roman Republic and why Rome became so powerful. In the second half term, we will learn about the Roman Empire, focusing on significant historical figures like Julius Caesar and other Roman Emperors. We'll also be studying Pompeii, focusing on historical sources and what they reveal about Roman life.

Year 4 – Finches and Falcons

In art and design, we will be learning how to tell stories through drawing. We will investigate ways in which illustrators work and adopt techniques that they use in order to convey a story, describe a character or sequence events. After half term, we will be exploring ways in which to create and use pattern. The children will be using line, colour and repetition and use collage to extend their patterns.

In **English**, we will be working on developing a plot point into a cohesive paragraph. We will use techniques such as time adverbials to achieve this. We will be inspired by texts such as *The Tin Forest* and *The Wild Robot* as well as writing non-fiction paragraphs around a theme. We will also continue to explore different works of fiction, non-fiction and poetry in our reading lessons. Reading regularly at home continues to be vitally important in Year 4 and is a key part of our home learning expectations. It is also hugely beneficial, both academically and emotionally, to continue reading stories to your child.

In **science**, we will learn how to group materials according to whether they are solids, liquids or gasses. We will also observe how materials change state when heated or cooled. After half term, our focus will be on sound. We will be exploring how sounds are made and how they travel through different mediums.

In **modern foreign languages**, we will learn how to say different body parts in Spanish and link them to our knowledge of number and colours to create monsters. We will also learn about different zoo animals.

In **design technology**, we will design and make our own products with pneumatic mechanisms.

In **PSHE**, we will think about beginning and belonging as part of a new class. We will then learn about conflict resolution, before focusing on relationships with families and friends. Towards the end of the Autumn Term, we will learn about bullying, including strategies to support each other.