

# Year 6

## Summer Term 1

### Why are ecosystems so important to humans?



Teachers: Ms Mo, Mr Warick and Mr Matt.

#### English

By studying the novel 'The Last Bear' by Hannah Gold, Year 6 will gain a deeper understanding of the arctic ecosystem and the issues surrounding it. We will explore the themes identified by the author and write a balanced argument, debating the pros and cons of one of the issues raised within the text. We will also be working on our text comprehension throughout.

#### Mathematics

We begin this term with some sessions on the co-ordinate grid and learning about reflection and translation. Next, we will practice drawing circles, drawing nets of shapes on isometric paper, and learning how to rotate around a point as well as know what rotational symmetry is. Following this, we will compare capacity versus volume to deepen our understanding of each. Finally, we will plan, predict and investigate within mathematical situations applying and extracting statistical data. We will finish the term with revision of the year's learning.

#### Science

This term we will look at rocks and fossils, focusing on metamorphic, igneous and sedimentary rock types. Studying these we gain an understanding of how the Earth is shaped and formed, as well as how we can study history that is not written. We will also consider how soils are formed, and how they work to support the growth of life.

#### Why?

An ecosystem is a geographic area where plants, animals, and other organisms, as well as weather and landscape, work together. This will be a fascinating topic to study, especially as Slovakia is home to many diverse plants and wildlife. We will begin the summer term with a study of mountains, which are home to a variety of ecosystems. We will locate mountain ranges throughout Europe and the world, study mountainous climates and explore tourism in the mountains. We will then explore a variety of ecosystems by looking at food chains and food webs.

#### Spanish

We will learn about the parts of the house and adjectives to describe it, places in town, means of transport, giving and asking for directions, as well as vocabulary related to summer. As for grammar, present simple tense will be the focus.

#### Art

We are going to explore Landscape Art and learn about One Point Perspective drawing to create the illusion of depth and distance.

#### Music

We will be focusing on musical instruments out of the orchestra this term - strings, woodwinds, brass, and percussion.

#### Physical Education

Students will develop skills in athletics, track, field, and tennis. They'll learn running, jumping, throwing, and tennis strokes, building endurance, strength, speed, and agility. Through drills, they'll improve technique, aiming for personal bests in individual and team events. Tennis enhances hand-eye coordination.

#### ICT

This term, we will use software called 'Tinkercad' to explore how designers can create 3D models and characters.

#### German

In German we will learn about the place where we live. Wo wohnst du und was kann man da machen? We will also learn about food. Was ist dein Lieblingsessen? We will also eat typical German food! Lecker!

#### PSHE

Year 6 will study the changes people encounter during puberty, followed by a look at the Sustainable Development Goals.

#### Topic

This term, we will have our primary focus on geography, specifically looking at mountains. We will discover how mountains are formed, what mountain ranges are, the climate in mountainous areas and tourism and safety in the mountains. We will then move onto the topic of ecosystems which will link with our science unit.

10 Weeks: April - June 2024



**CAMBRIDGE**  
INTERNATIONAL SCHOOL