

Aragon Primary School Curriculum Map

Year 6

English

We will be studying a range of genres and creating pieces of writing based on the following stimuli:

Alma - Suspense Writing

Once - Diary Writing

The Piano - Fiction Writing

Maths

Calculate the area of parallelograms and triangles. Recognise that shapes with the same areas can have different perimeters and vice versa. Recognise when it is possible to use formulae for area and volume of shapes. Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3). Use, read, write and convert between standard units, converting measurements of volume from a smaller unit of measure to a larger unit, and vice versa.

Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Draw 2-D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. Solve problems involving similar shapes where the scale factor is known or can be found. Recognise, describe and build simple 3-D shapes, including making nets.

Music

This is a six-week Unit of Work. All the learning in this unit is focused around one song: You've Got A Friend - a song about friendship by Carole King

History: Conflict & Resolution

How was Hitler and how did the Second World War begin?

How did Hitler run Nazi Germany?

What was the impact of the war on Britain?

How did Britain rebuild after the war?

How do countries aim to maintain peace?

Science - Animals inc. Humans

Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.

Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Describe the ways in which nutrients and water are transported within animal.

PSHE: Healthy Me

I can explain when substances including alcohol are being used anti-socially or being misused and the impact this can have on an individual and others.

I can identify and apply skills to keep myself emotionally healthy and to manage stress and pressure.

Reading

Whole Class Reading lessons focusing on comprehension and the skills of vocabulary, inference, prediction, explain, retrieve and summarise, using high-quality texts.

DT

Children will research and develop a design criteria for a functional WWII Anderson shelter. Children will design, create and evaluate a WWII Anderson shelter.

Computing: Creating Media

This unit explores the concept of variables in programming through games in Scratch. First, learners find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. In Lessons 2, 3, and 5, which follow the Use-Modify-Create model, learners experiment with variables in an existing project, then modify them, before they create their own project. In Lesson 4, learners focus on design. Finally, in Lesson 6, learners apply their knowledge of variables and design to improve their games in Scratch.

RE - Is Christianity still a strong religion 2000 years after Jesus was on Earth?

I can explain how the influence people have had on me has affected what I see as important.

I can explain how one of the reasons people use to suggest that Christianity is a strong religion today can be counteracted.

I can give my opinion as to whether Christianity is a strong religion now and say why I think this.

PE: Tennis - Children will develop the range and quality of their skills when playing tennis. They also learn specific tactics and skills for tennis.

"To be the best we can be!"

