

## This term's Big Question:

How would you survive and

## In this project children will learn:

How to create a survival guide for a challenging environment (e.g. Mountain, Rainforest, Desert) and an accompanying 3D model.

## Trips, visits and events

Science at WPA—animals

Science week—9th—12th

March

World Book Day—5th March

### Topic:

I am a child, get me out of here!

In groups, children will create an accurate 3D model of the hostile environment and their proposed survival camp. In single discipline learning time, the children will also write a survival guide to go alongside their project. The children will present their models in a survival exhibition to the rest of the school and the parents!

The children will be Identifying human and physi-



Harriers Banbury Academy  
Year 4 Knowledge Organiser  
Term 4 Aspiration: Heroes

### RE

Children will be looking to compare a Cathedral to a Synagogue and a Mosque.

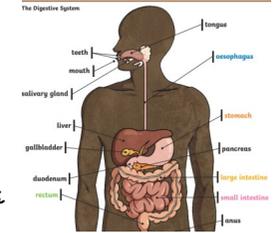
### Science

Living things and their habitats.

### Science Week

Children will begin to recognise that environments can change and that this can sometimes pose dangers to living things.

They will be able to describe the simple functions of the basic parts of the digestive system in humans. and identify the different types of teeth in humans and their



### Maths

**Key vocabulary:** Place value, thousands, hundreds, multiple, factor, multiplication, quotient, round, estimate, times tables, compare, increase, decrease, measure, predict, explain, apply, divide, share, multiply, fractions, equivalent, quarter, half, eighth, sixth, third, fifth, tenth, hundredth.

This term we will learn :

- What is a fraction?
- Equivalent fractions
- Fractions greater than one
- Count in fractions
- Add 2 or more fractions
- Subtract 2 fractions
- Subtract from whole amounts
- Calculate fractions of a quantity
- Problem solving – calculate quantities
- Recognise tenths and hundredths
- Tenths as decimals and tenths on a place value grid
- Divide 1-digit by 10
- Divide 2-digits by 10
- Hundredths—Hundredths as decimals
- Hundredths on a place value chart Divide 1 or 2-digits by 100

### English

**Reading:** The Great Kapok Tree. This book describes the importance of humans preserving the rainforests and the ecosystems within it for the sake of all who live on this planet.

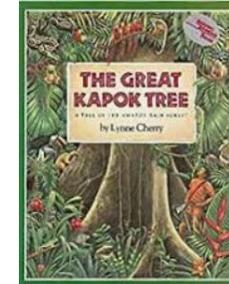
A man is ordered to cut down a great Kapok tree. He begins the task and when he tires, falls asleep at its foot. Successive animals, birds, insects and finally a child of the Yanomamo tribe all whisper in his ear cogent reasons for why he should not continue. When he awakes, will they have influenced him and what choice will he make? The book begins and ends with a map showing whereabouts in the world there are tropical rainforests and a diagram demonstrating the layers of such a forest.

**Writing:** Poetry, performance of a poem, explanation text, debate, report writing, writing in role, argument writing, making a visual text, note of advice, playscript, extension of a narrative, writing to inform and entertain, comprehension.

**Grammar:** subordinating, coordinating conjunctions, adverbs and prepositions to express time. Expanded noun phrase, adverbs to describe, similes, metaphors and personification, fronted adverbials.

**Spelling:** prefixes anit and inter, suffixes ssion, cian, tion, sion, sc words such as crescent, descend, homophones.

**Key vocabulary:** Amazon, rainforest, habitat, tropical, subtropical, globe, atlas, monuments, the symphony of life, outlasting, dinosaurs, shrouded, translucent veil, opaque, rivers, streams, veins, arteries of the rainforest



### PSHE / SMSC/ British Values:

Community, Compare life-styles and survival techniques of different mountain/rainforest tribes from around the world.

### Business/Careers links:

Explorer, investigator, doctor, dentist, nurse, vet, military, volunteering work, traveller, teacher

### 21st Century Skills:

Creation and adaptive thinking, cognitive load management, global citizenship



### PE

Swimming (4JJ)

gymnastics, skip to be fit,

