Year 6 Autumn Term 1 **Big Question(s)** **Why is Africa Amazing?** **Did I used to be a fish?**	Dear Parents and Carers, We hope you have had an enjoyable summer break. Here is the Big Picture for our work leading up to the half term break. Best wishes, Miss Stevens and Mrs Carvell

As writers we will:	As geographers we will:	Sticky words for this half term are:
Write contrasting persuasive non-chronological report, using: subordinate clauses passive voice semi-colons colons adverbials a wide range of sentence structure precise verbs ambitious adjectives Construct a dual narrative, practising the use of a variety of sentence structures (compound and complex) which include: 'show not tell' ambitious adjectives purposeful dialogue	Identify African countries and locate them on a map Find out about western Africa and the country of Nigeria Explore northern Africa and Morocco Explore central Africa and the Central African Republic Explore eastern Africa and Tanzania Explore southern Africa and South Africa Consolidate our learning and carry out independent research	Sahara, desert, characteristic, equator, continent, community. evolution, adapted/adaptation, characteristics, vary/variation, fossil, offspring, species, inherited, inhabited

personification rhetorical questions passive voice relative clauses modal verbs colons using senses to enhance description simile/metaphor semi-colons dashes for parenthesis repetition for effect	**In computing we will:** Develop our coding skills • Design and write more complex programs • Learn to use functions • Use user input • Follow and create flowcharts for algorithms to create and debug code Use 2code to make a text-based adventure	**As artists we will:** Design and create 3D African masks, inspired by Picasso Develop our line drawing, exploring how to create texture to effectively replicate the hides of African animals.
As readers we will: Develop our comprehension and understanding of authorial intent whilst studying 'A Long Walk to Water' by Linda Sue Park.	**In PSHE we will:** Promote diversity and recognise and respect everyone's individuality **In RE we will:** Consider what religions say to us when life gets hard.	**As musicians we will:** Listen to and appraise traditional African music Learn to sing and play 'Shosholoza' – a traditional call and response song – for performance Explore traditional African Djembe drums Compose a piece of African-influenced music

As mathematicians we will:

Place Value within 10,000,000

Read, write, order and compare numbers up to 10,000,000
Round whole numbers to a degree of accuracy
Use negative numbers in context, and calculate intervals across zero
Solve number and practical problems.

Four operations

Solve addition and subtraction multi-step problems
Multiply mulita-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, including interpretation of remainders depending on context

As scientists we will:

Study evolution and inheritance:

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. We will make our own fossils to exemplify this.
- Look at both inherited and environmental variation within different species (such as humans and dogs) to help us to understand that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. We will also learn about how animals and plants adapt in extreme conditions.
- Create cladograms to show evolutionary relationships between different species.

As athletes we will

Create an African dance (Indoor PE)
Hone our football skills (Outdoor PE)

Divide numbers up to 4 digits by a two-digit whole number using the formal written method of short division, interpreting remainders according to the context. Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3}) Perform mental calculations, including with mixed operations and large numbers Identify common factors, common multiples and prime numbers Use knowledge of the order of operations to carry out calculations involving the four operations Solve problems involving addition, subtraction, multiplication and division Fractions Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Compare and order fractions, including fractions > 1 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions		**In French we will** Repeat and recognise the vocabulary for school subjects Learn to say what subjects we like and dislike at school. Learn to say why we like/dislike certain school subjects Learn to tell the time on the hour Learn to say what time we study certain subjects at school