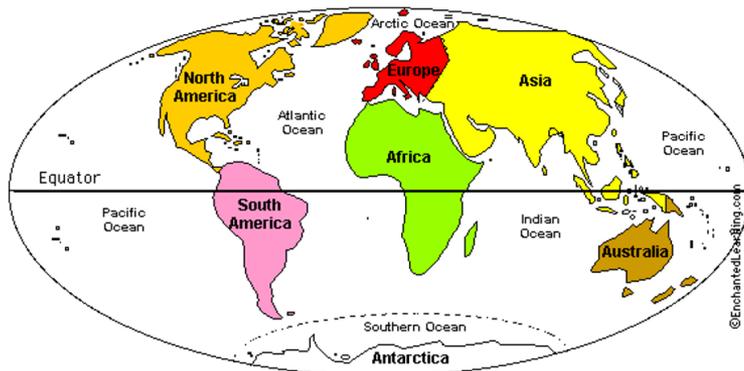


ESSENTIAL KNOWLEDGE ORGANISER

YEAR 2 **SUMMER TERM**– Journey of a Lifetime

STICKY VOCABULARY	
continent	A large area of land that is made up of several countries.
ocean	A large area of sea.
equator	An imaginary line around the middle of the Earth.
physical feature	A natural feature of a place.
human feature	A man-made feature of a place.
voyage	A long journey involving travel by sea or in space.
compass	A tool for finding direction using North, East, South and West.
Great Barrier Reef	The world's largest coral reef system found in Australia.
Aborigines	First people to live in Australia.

KEY IDEAS
The distance from the equator affects the weather of a place. This means the temperature is cooler further from the equator and hotter nearer it.



KEY PEOPLE	
Captain James Cook 1727-1779	Cook was an explorer, navigator and captain in the Royal Navy. He was the first person to place the Pacific Ocean, New Zealand and Australia on the map.
Dame Ellen MacArthur 1976 - now	Dame Ellen Patricia MacArthur is a retired English sailor. MacArthur is a successful solo long-distance yachtswoman.



KEY IDEAS	
<p style="text-align: center;">Australia</p> <ul style="list-style-type: none"> • Summer is from December – February and winter is from June – August • The average temperature is 11-23°C <p><u>Physical features:</u></p> <ul style="list-style-type: none"> • Great Barrier Reef, river, beach, mountain, ocean <p><i>*First people to live here were called the Aborigines*</i></p>	
<p style="text-align: center;">UK</p> <ul style="list-style-type: none"> • Summer is from June – August and winter is from December – February • The average temperature is 8-11 °C <p><u>Physical features:</u></p> <ul style="list-style-type: none"> • Mountains, rivers, forests, coastline 	

Science
ESSENTIAL KNOWLEDGE ORGANISER
YEAR 2 SUMMER TERM– Use of everyday materials

STICKY VOCABULARY	
Material	The substance objects are made out of e.g wood, plastic, metal
Properties of materials	How we describe the material. E.g. Hard/soft/shiny/rough/smooth
Opaque	Not able to see through
Transparent	A material that you can see through
Translucent	A material you can see through but not clearly.
Flexible	Something that can be bent easily without breaking
Rigid	Something that is strong and will not bend.
Suitability	Having the properties that are right for a specific object.
Useful	Helpful or effective for that job or use.
Waterproof	Something that keeps water out.
Absorbent	Something that soaks up liquid.

KEY IDEAS	
<p>Some solid objects can also be changed by squashing, bending, twisting and stretching them.</p>	

KEY IDEAS
<p>All objects are made of one or more materials that are chosen specifically because they have suitable properties for the task.</p>
<p>For example, a water bottle is transparent allowing you to see the drink inside and waterproof so that it holds the water.</p>

KEY IDEAS		
<p>All materials can be described by their properties. When choosing what to make an object from, the properties needed are compared with the properties of the possible materials. A material can be suitable for different purposes and an object can be made of different materials.</p>		
<p>hard </p>	<p>waterproof </p>	<p>shiny </p>
<p>soft </p>	<p>not waterproof </p>	<p>dull </p>
<p>stretchy </p>	<p>transparent </p>	<p>rough </p>
<p>stiff </p>	<p>opaque </p>	<p>smooth </p>
<p>bendy </p>		<p>absorbent </p>
<p>not bendy </p>		<p>not absorbent </p>