

British Science Week 2024

Life on Earth Timeline Orienteering Challenge

- Below are some of the key events in the history of life on earth. Look at the events and try to put them in order.
- Put a 1 next to the event that you think came first.
- Now run to the control point and look at the control marker. Your activity sheet tells you which number (1st, 2nd, 3rd or 4th) is the correct answer for that event. If it is a 1, you were correct.
- Now decide which event came second. Put a number 2 next to this. Run to the control point and look at the control marker. Your activity sheet tells you which number (1st, 2nd, 3rd or 4th) is the correct answer for that event. If it is a 2, you were correct.
- Carry on until you have put all the events in the correct order.
- Now choose a date for each event from the list below and write it next to each event.

Life on Earth Events	Number the events in order - 1,2,3 etc.	Control Point (Check your answer with the number from the control marker)	Choose a date for each event from the list below.
Homo Sapiens (humans) first appear.		15	
		1 st number	
Plants begin to grow on the land.		6	
		4 th Number	
An asteroid strike on the earth results in most dinosaurs becoming extinct.		2	
		3 rd number	
The first vertebrates (animals with a backbone) appear.		14	
		2 nd number	
The first mammals appear.		12	
		1 st number	
The oldest fossils of single-celled organisms date from this time.		1	
		1 st number	
Fossils of the first feathered birds date from around this time.		8	
		4 th number	
The first insects appear.		11	
		3 rd number	

480 million years ago	515 million years ago
3.5 billion years ago	160 million years ago
230 million years ago	530 million years ago
66 million years ago	200,000 years ago

