

March 2023

Could cloning bring back mammoths?

Ever since the *cloning of Dolly the Sheep at the Roslin Institute in 1996 scientists have continued to explore applications for the technology.

In the last few years Colossal Biosciences have publicly stated that their goal is to clone a woolly mammoth by 2027. There are also projects around the world using cloning to help species close to extinction.



The last woolly mammoths died out about 4000 years ago.

Geneticists in the United States successfully cloned a black footed ferret in 2021 to help rescue the species from extinction.

*Cloning is technique scientists use to make exact genetic copies of living things.

How would you feel about extinct species being brought back to life?

Mammoth Project **Black Footed Ferret**

Cloning explained **The last of the Mammoths**

Aurora Watch

We are currently experiencing a period of high solar activity which has led to spectacular aurora being visible much further south than usual. Find out more below and keep your eyes on the sky!

What are aurora? **Aurora watch**
The Sun **The Spotty Sun**



Aurora are usually only seen in the Arctic circle.

How does AI affect your life?

Have you ever used an internet search engine? Used Alexa, Google nest or Siri? Got to a destination using SatNav or Google Maps? Have you received personalised adverts online or had a smart speaker recommend the next song for you?

Then you have already experienced the amazing power of Artificial Intelligence, and over the course of your life you will be interacting with it more and more.

Artificial Intelligence is the ability of computers and machines to make decisions and interact like humans.

Artificial Intelligence is used in medicine to help doctors and in driverless cars. It's uses are growing year on year and it's unavoidable.



What is AI and how is it used?

Chat GPT **DALL-E**

How AI will change the world

British Science Week 2023



The theme for British Science Week 2023 is 'Connections' and as always there are amazing resource packs to download.

British Science Week 2023 - Connections

My Science Club

www.mysciencecLub.com