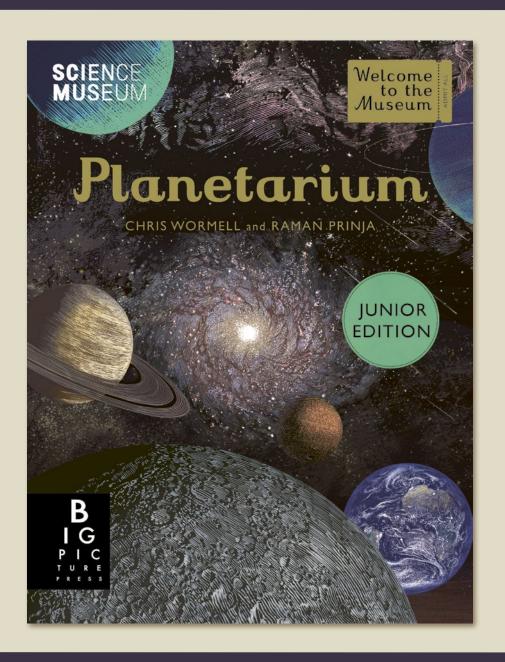
Planetarium (Junior Edition)



With specially written text for younger readers, step inside the museum to explore the Universe in all its glory.

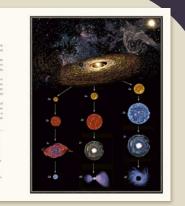
- Planetarium has sold over 210,000 copies worldwide (as of July 2022)
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)
- Intricate woodcut artwork by Chris Wormell, illustrator of award-winning title H is for Hawk (Vintage, 2015) and La Belle Sauvage: The Book of Dust (Penguin Random House, 2017)
- Written by Professor Raman Prinja, professor of astrophysics at University College London

Planetarium (Junior Edition)

Star Life Cycles







PLANETARIUM

Our Place in the Universe

The Universe contains absolutely everything, from tiny atoms to giant galaxies. It is so big that it can be hard for us to imagine its size. But one way of doing this is imagining Earth's 'cosmic address'. So, instead of writing down a house number, street, town and country, we replace each line with larger and larger

Our cosmic address starts with our planet, Earth. Earth is one of eight planets in the Solar System, so that is the next line. The Sun is at the centre of the Solar System and is one of 200 billion stars in the Milky Way Galaxy; the Milky Way is one of about 50 galaxies in a cluster called the Local Group; this is one of many galaxy clusters in the Virgo Supercluster; and finally the Virgo Supercluster is part of a region in space called Laniakea. This means that our cosmic address is: Earth, Solar System, Milky Way Galaxy, Local Group, Virgo

While this helps us imagine the Universe, scientists still need ways of measuring its sheer size. Miles and kilometres are no help at this scale. Instead, astronomers use light years - the distance light travels in one year.

		ween our Sun and the planet is 100,000 light years across
But largest of all, the Un	iverse is 93 billion light	years wide.
	Key to plate	
I: Our place in the Universe a) Earth b) Solar System	Milky Way Galaxy d) Local Group e) Virgo Supercluster	f) Laniakea g) Universe
	6	



Pub Date	07/02/2019
Pub Price	£12.99
ISBN	9781787414969
$H \times W$	246 × 189mm
Binding	Hardback
Age Range	7-9 years
Author	Raman Prinja
Illustrator	Chris Wormell
Extent	80рр
Word Count	14000 words
Rights Available	World