

Aboriginal Astronomy Guide

Yamatji peoples were involved in a large native title claim since 1996, resulting in an historic determination in February 2020, involving both native title and an Indigenous land use agreement covering an area of 48,000 square kilometres (19,000 sq mi). Asterisms range from simple shapes of just a few stars to more complex collections of many stars covering large portions of the sky. The stars themselves may be bright naked-eye objects or fainter, even telescopic, but they are generally all of a similar brightness to each other. The larger brighter asterisms are useful for people who are familiarizing themselves with the night sky. Aboriginal spirituality often conveys descriptions of each group's local cultural landscape, adding meaning to the whole country's topography from oral history told by ancestors from some of the earliest recorded history. Most of these spiritualities belong to specific groups, but some span the whole continent in one form or another. Many of the constellations were given names based on their shapes, just as traditional western... The patterns of stars seen in asterisms are not necessarily...

Outline of astronomy following outline is provided as an overview of and topical guide to astronomy: Astronomy – studies the universe beyond Earth, including its formation The following outline is provided as an overview of and topical guide to astronomy:

Kirsten Banks She earned a Bachelor of Science in Physics from the University Kirsten Alexandra Banks is an Indigenous Australian astrophysicist and science communicator of the Wiradjuri people, known for her work in promoting mainstream and Aboriginal astronomy. She earned a Bachelor of Science in Physics from the University of New South Wales in 2018, and a Ph. Wiradjuri people, known for her work in promoting mainstream and Aboriginal astronomy. D in June 2024, and worked at the Sydney Observatory

a member of the Wajarri people

Australian Aboriginal astronomy Australian Aboriginal astronomy has been passed down orally, through ceremonies, and in their artwork of many kinds. The astronomical systems passed down Australian Aboriginal astronomy has

been passed down orally, through ceremonies, and in their artwork of many kinds. The astronomical systems passed down thus show a depth of understanding of the movement of celestial objects which allowed them to use them as a practical means for creating calendars and for navigating across the continent and waters of Australia. There is a diversity of astronomical traditions in Australia, each with its own particular expression of cosmology. However, there appear to be common themes and systems between the groups. Due to the long history of Australian Aboriginal astronomy, the Aboriginal peoples have been described as "world's first astronomers" on several occasions 7bea705058

Aboriginal Tasmanians Contemporary figures (2016) for the number of people of Tasmanian Aboriginal descent vary according to the criteria used to determine this identity, ranging from 6,000 to over 23,000. The Aboriginal Tasmanians (palawa kani: Palawa or Pakana) are the Aboriginal people of the Australian island of Tasmania, located south of the mainland The Aboriginal Tasmanians (palawa kani: Palawa or Pakana) are the Aboriginal people of the Australian island of Tasmania, located south of the mainland. At the time of European contact, Aboriginal Tasmanians were divided into a number of distinct ethnic groups. For much of the 20th century, the Tasmanian Aboriginal people were widely, and erroneously, thought of as extinct and intentionally exterminated by white settlers 7bea705058

any Aboriginal Australian from the Murchison region of Western Australia. 7bea705058 Astronomy is one of the oldest natural sciences. The early civilizations in recorded history made methodical observations of the night sky. These include the Egyptians, Babylonians, Greeks, Indians... 7bea705058

Astronomy Relevant phenomena include supernova explosions, gamma ray bursts, quasars, blazars, pulsars, and cosmic microwave background radiation. Astronomy is a natural science that studies celestial objects and the phenomena that occur in the cosmos. Objects of interest include planets, moons, stars, nebulae, galaxies, meteoroids, asteroids, and comets. Cosmology is the branch of astronomy that studies the universe as a whole. More generally, astronomy studies everything that originates beyond Earth's atmosphere. It uses mathematics, physics, and chemistry Astronomy is a natural science that studies celestial objects and the phenomena that occur in the cosmos. It uses mathematics, physics, and chemistry to explain their origin and their overall evolution 7bea705058

Asterism (astronomy) Asterisms can be any identified star pattern, and therefore are a more general concept than the 88 formally defined constellations. Former constellations Australian Aboriginal astronomy Chinese constellations

Nakshatra "An Etymological Dictionary of Astronomy and Astrophysics: asterism" An asterism is an observed pattern or group of stars in the sky. Constellations are based upon asterisms, but unlike asterisms, constellations are defined regions with official boundaries which together encompass the entire sky 7bea705058

Over 300 languages and other groupings have developed a wide range of individual cultures. Aboriginal art has existed for thousands of years and ranges from ancient rock art to modern watercolour landscapes. Traditional Aboriginal music developed a number of unique instruments, and contemporary Aboriginal music spans many genres. Aboriginal... 7bea705058

Australian Aboriginal religion and mythology Australian Aboriginal religion and mythology is the sacred spirituality represented in the stories performed by Aboriginal Australians within each of Australian Aboriginal religion and mythology is the sacred spirituality represented in the stories performed by Aboriginal Australians within each of the language groups across Australia in their ceremonies. Aboriginal spirituality includes the Dreamtime (the Dreaming), songlines, and Aboriginal oral literature 7bea705058

Yamatji Yamatji peoples Yamatji (or Yamaji) is a Wajarri word that has at least two different meanings:. has at least two different meanings: a member of the Wajarri people any Aboriginal Australian from the Murchison region of Western Australia 7bea705058

First arriving in Tasmania (then a peninsula of Australia) around 35,000 years ago, the ancestors of the Aboriginal Tasmanians were cut off from the Australian mainland by rising sea levels c... 7bea705058

Indigenous astronomy In Australia, Aboriginal Astronomy has featured in Sydney Observatory's exhibition since Indigenous astronomy is the name given to the use and study of astronomical subjects and their movements by indigenous groups. Alongside calendric uses, constellations have names and stories that inform ceremony and social structures holding specific and deep cultural meanings for respective indigenous groups. This field encompasses culture, traditional knowledge, and astronomy. Astronomy has been practised by indigenous groups to create astronomical calendars which inform on weather, navigation, migration, agriculture, and ecology. deliver a school educational programme on Indigenous Astronomy 7bea705058

Astronomy – studies the universe beyond Earth, including its formation and development, and the evolution, physics,

chemistry, meteorology, and motion of celestial objects (such as galaxies, planets, etc.) and phenomena that originate outside the atmosphere of Earth (such as the cosmic background radiation). Astronomy also intersects with biology, as astrobiology, studying potential life throughout the universe. 7bea705058

Australian Aboriginal culture Reverence and respect for the land and oral traditions are emphasised. Australian Aboriginal culture includes a number of practices and ceremonies centered on a belief in the Dreamtime and other mythology. Learned from childhood, lore dictates the rules on how to interact with the land, kinship and community. Reverence and respect Australian Aboriginal culture includes a number of practices and ceremonies centered on a belief in the Dreamtime and other mythology. The words "law" and "lore", the latter relating to the customs and stories passed down through the generations, are commonly used interchangeably 7bea705058

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