

What Our Ancestors Saw

Objects in the sky have fascinated humans throughout time. The explanations of how these celestial objects came to be are even more fascinating. Ancients developed their ideas of what was happening in the sky and explained it with their frame of reference. The constellations were patterns that seemed to tell stories about people. Stars are not always in the sky at the same time, but change positions over time - giving rise to the creation of calendars. The Sun and the Moon have their own pattern of rising and setting - the Moon also has phases. Mercury, Venus, Mars, Jupiter, and Saturn were special 'stars' called planets - meaning 'wanderer'.

Myths, folklore and legends were used to explain what ancient people observed in the night sky.

First Nations people of the Pacific Northwest - believed the night sky was a pattern on a great blanket overhead, which was held up by a spinning 'world pole' resting on the chest of a woman named Stone Ribs.

Aboriginal tribes - Algonquins believed the constellation Ursa Major was a bear running from hunters.

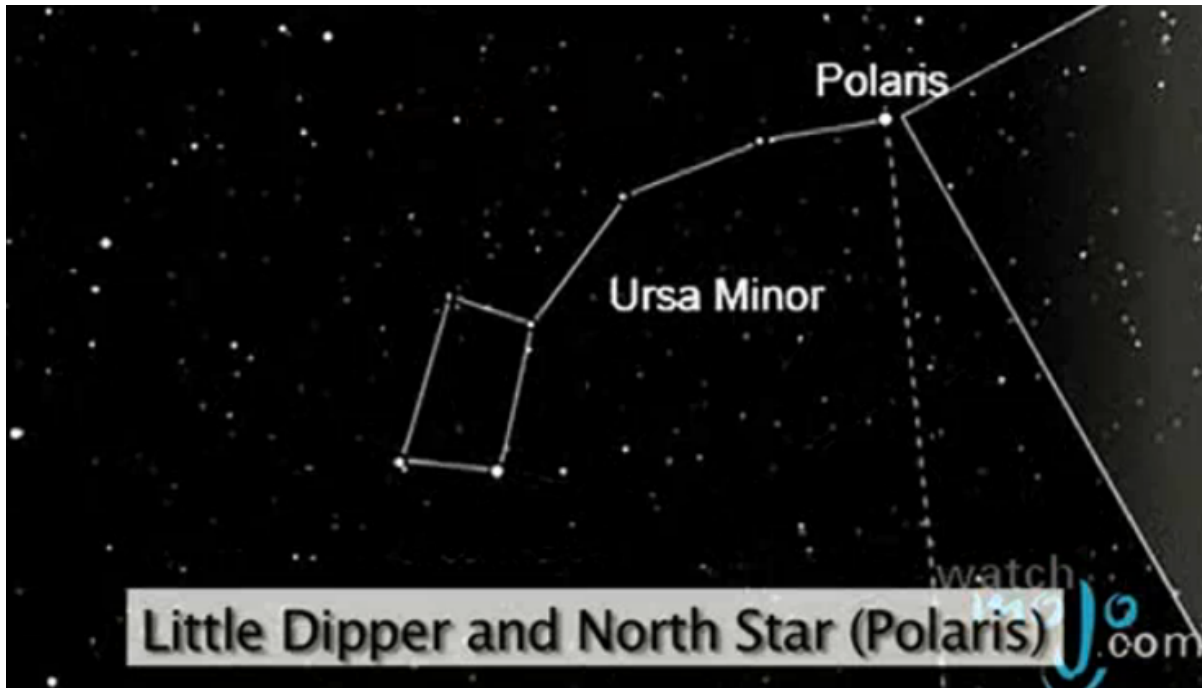
Inuit in the high Arctic - used a mitt to determine when seal pups would be born, by holding the mitt at arm's length at the horizon.

Ancient Egyptians - The Sun God - Ra - was carried in a sacred boat across the sky every day.

Constellations

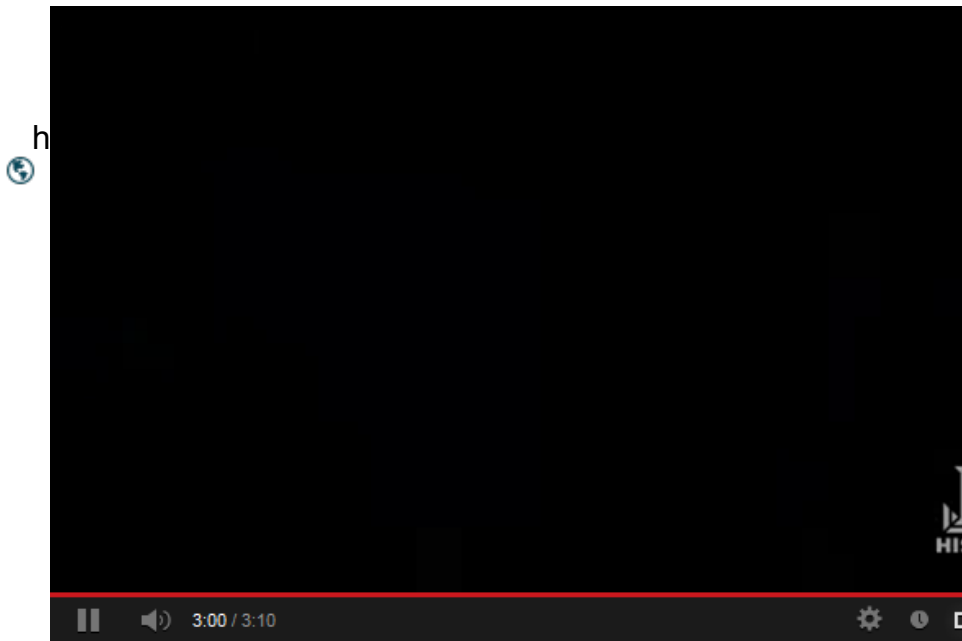
<https://www.youtube.com/watch?v=hwnruS6meSM>

<https://www.youtube.com/watch?v=LMTZXXFRDa8>





A Guide To Learn About The Constellation
<http://www.youtube.com/watch?v=urXdtvVtLwQ>



The Universe: The Constellations

<https://www.youtube.com/watch?v=Jf8Nh4iOkcl>

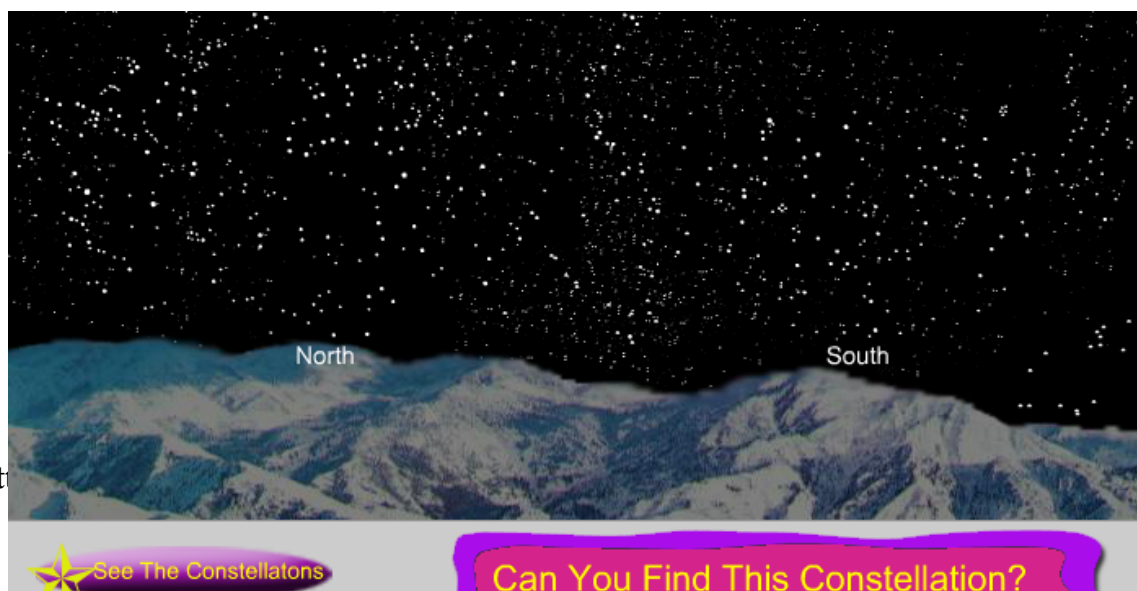
<https://www.youtube.com/watch?v=Z6nDOwPpMoo>



Song



Game



The Night Sky

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Description

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What's New in Version 1.9.2

Thank you for using The Night Sky, and making it one of the most successful apps on the App Store.

Screenshots

iPhone | iPad [ime, a great review](#)



BEST for sky aiming in App Store! ★★★★★

by JOHAN SOSA

If you want the best app for figuring out what a particular star is by aiming at it with your phone or iPad there is simply NO BETTER app than this one! I was used to SkyMap and SkyWalk until a month back when I tried this. I only decided to try this one and others because the other two have confusing UIs for sky aiming (sky walk for example has way too much graphics on screen and though those can be disabled somewhat it doesn't move smoothly or randomly goes in an out of aim mode). Unlike the other apps, NightSky lacks in depth information about a particular star .. Which in my opinion is no big deal because wikipedia has anything you'd wanna know. This app is sky aimer focussed so it's not meant for looking at past or future skies (lots of other apps and the internet has that stuff. The only change I would ever make to NightSky is an on screen magnitude slider. I really hope the author avoids the temptation of adding all sorts of bells and whistles (aside from the visible magnitude slider). because right now this app is a sky aimer's dream come true.

Information relating to all 88 constellations

<http://www.dibonsmith.com/constel.htm>



Each constellation has a Greek myth associated with it

Orion - is made up of 7 stars

- two for his feet, two for his shoulders, and three for his belt

<https://www.youtube.com/watch?v=P4MXvfehA7c>



<http://www.fcps.k12.va.us/DIS/OHSICS/planet/constell/constell.htm>



Orion

The Hunter

There are two different versions of the Orion myth, depending on the identity of his parents. The first of these identifies the sea-god Neptune as Orion's father and the great huntress Queen Euryale of the Amazons as his mother. Orion inherited her talent, and became the greatest hunter in the world. Unfortunately for him, with his immense strength came an immense ego, and he said that he could beat any animal on earth. In response to his vanity, a single small scorpion stung him and killed him.

Hercules

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=1kb-1GuOUtQ&list=PLra4ag43Qcba9UaBtX1kSLdDLkizHgjVK&index=6)

[v=1kb-1GuOUtQ&list=PLra4ag43Qcba9UaBtX1kSLdDLkizHgjVK&index=6](https://www.youtube.com/watch?v=1kb-1GuOUtQ&list=PLra4ag43Qcba9UaBtX1kSLdDLkizHgjVK&index=6)



<https://www.youtube.com/watch?v=QRkATmiOexk>



6 min

just
watch
this

Hercules constellation dates back to ancient times. Its origin was unclear even to the Greeks. They knew it as Engonasin, or “the kneeling one.” It was Eratosthenes who identified the kneeler as Hercules, standing over the dragon that guarded the garden of the Hesperides.

Aeschylus associated the constellation with a different tale, describing Hercules as kneeling and exhausted after the battle with the Ligurians.

Hercules was the son of Zeus and Alcmene, a mortal woman. When he was an infant, Zeus laid him at Hera’s breast while she slept. Having suckled her milk, Hercules became immortal. Hera was enraged, both at this and at her husband’s infidelity, and while she could not kill Hercules, she made his life difficult at every turn. She cast a spell that made him go insane and kill his children. Once he regained his senses and realized what he had done, he visited the Oracle at Delphi to see how he could atone for his deed. The Oracle sent him to serve Eurystheus, king of Mycenae, for a period of 12 years. It was then that he got the name Hercules, which means “the glory of Hera.” His given name at birth was Alcides, Alcaeus, or Palaemon according to different sources.

King Eurystheus gave Hercules a series of tasks, known as the Labours of Hercules. The first was to kill the Nemean lion, a beast whose hide was impervious to any weapon. After Hercules had strangled the lion to death, he used its claws to cut off the skin and later used the pelt as a cloak and the gaping mouth as a helmet, which both protected him and made him look even more frightening. The Nemean lion is represented by the [constellation Leo](#). The second task was to destroy the Hydra, represented by [Hydra constellation](#), a monster with multiple heads. As he fought with the beast, Hera sent a crab to distract him. Hercules killed the crab, and Hera placed it in the sky as the [constellation Cancer](#).

Hercules was then sent to catch a deer with golden horns and, after that, a ferocious boar. The fifth task was to clean the stables of King Augeias of Elis. The sixth was to kill a flock of marauding birds, and the seventh, to catch a bull that breathed fire and was ravaging the land on Crete. The eighth labour was to bring the horses of King Diomedes of Thrace, which ate flesh, to Eurystheus. The ninth was to bring the king the belt of Hippolyte, the queen of the Amazons. The tenth labour was to steal the cattle of Geryon, a monster that lived on the island of Erytheia. On his way back, he was attacked by local forces that outnumbered and nearly overcame him. He sank to his knees and prayed to Zeus. The god helped him by sending rocks, which Hercules threw at his attackers. This is the event that, according to Aeschylus, was commemorated by the constellation Engonasin (the kneeler).

Even though Eurystheus and Hercules had originally agreed on ten tasks, when Hercules came back, the king refused to release him from his service and set two additional tasks. The first was to steal the golden apples from Hera’s garden on Mount Atlas. The garden was guarded by the Hesperides, daughters of the titan Atlas, and the Hesperides were guarded by the dragon Ladon, whose task was to make sure that they did not steal any of the apples. The dragon is represented by the constellation [Draco](#). Hera herself placed the dragon in the sky after Hercules had killed it.

The final labour was the most difficult one. Hercules was sent to the gates of the Underworld to fetch Cerberus, the dog that had three heads and was tasked with guarding the entrance and making sure those who had crossed the river Styx did not try to escape. Hercules used his pelt to protect himself and dragged the dog to Eurystheus. The king, who had not expected to see Hercules again, had no choice but to release him.

After completing the twelve labours, Hercules married Deianeira, daughter of King Oeneus. While the two were travelling together, they came to the river Evenus where the centaur Nessus ferried people across. Hercules swam across the river, but Deianeira needed to be carried and Nessus, who offered to do it, fell in lust with her and tried to ravage her. Hercules shot the centaur with an arrow that was tipped in the Hydra’s poison. As he lay dying, Nessus offered Deianeira some of his blood, saying it can act as a love charm. Deianeira kept the blood, poisoned by Hercules’ arrow. Much later, she became worried that Hercules’ attention was wandering to another woman and she gave him a shirt on which she had smeared Nessus’ blood. When Hercules put it on, Hydra’s poison started burning his flesh and, once he realized what was going on, he built himself a funeral pyre on Mount Oeta and lay on his pelt, ready to die. The fire burned the part of him that was mortal, and the immortal part joined Zeus and the other gods on Mount Olympus. Zeus placed Hercules in the sky as the constellation now known by its Roman name, Hercules.

Homework

Your Name: _____

Zodiac Sign: _____ Birth Date: _____

/1

What Constellation Story goes with this zodiac sign? Write a brief paragraph of the legend

/2

Which parts of the world can this be seen from? and in which months? (Explain)

/1

Draw/Sketch the star pattern associated with your zodiac

/1

9 min

https://www.youtube.com/watch?v=P7O_51DKaAQ

Legend of Zodiac



Legend Of The Zodiac

Attachments

Natural Science 9 Course Outline 2018 (Semester 2).pdf