

Celestial Bodies and Constellations

Spoken Tutorial

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

We will learn about,



Learning Objectives

We will learn about,

- **Celestial bodies**



Learning Objectives

We will learn about,

- Celestial bodies
- Stars and constellations



Learning Objectives

We will learn about,

- Celestial bodies
- Stars and constellations
- **Configure the settings of stars and constellations**



System Requirements



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- **Ubuntu Linux OS v 16.04**



System Requirements

- **Ubuntu Linux OS v 16.04**
- **Marble v 1.12.20**



System Requirements

- **Ubuntu Linux OS v 16.04**
- **Marble v 1.12.20**
- **Working internet connection**



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The process demonstrated in this tutorial is identical in,



System Requirements

- **Ubuntu Linux OS v 16.04**
- **Marble v 1.12.20**
- **Working internet connection**

The process demonstrated in this tutorial is identical in,

- **Ubuntu Linux OS v 18.04**



System Requirements

- **Ubuntu Linux OS v 16.04**
- **Marble v 1.12.20**
- **Working internet connection**

The process demonstrated in this tutorial is identical in,

- **Ubuntu Linux OS v 18.04**
- **Marble v 2.2.20**



Pre-requisites



Pre-requisites

- Learner should be familiar with **Marble** interface



Pre-requisites

- Learner should be familiar with **Marble** interface
- For the prerequisite **Marble** tutorials, please visit this site
<https://spoken-tutorial.org>



Constellations



Constellations

- **A constellation is a group of stars which forms an imaginary shape in the night sky**



Constellations

- A constellation is a group of stars which forms an imaginary shape in the night sky
- In Latin, **Stella** means a star and constellation means a set of stars



Constellations



Constellations

- **Constellations are usually named after mythological characters, people, animals and objects**



Constellations

- Constellations are usually named after mythological characters, people, animals and objects
- It is like a game of connecting the dots



Constellations

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- It is like a game of connecting the dots
- The visible night sky is divided into 88 constellations by astronomers



Constellations

- Constellations are usually named after mythological characters, people, animals and objects
- It is like a game of connecting the dots
- The visible night sky is divided into 88 constellations by astronomers
- Out of which 12 are zodiac signs



Summary



Summary

We have learnt about,

- **Celestial bodies**
- **Stars and constellations**
- **Configure the settings of stars and constellations**



Assignment



Assignment

- Explore more about coordinate grid option



Assignment

- Explore more about coordinate grid option
- Hint: Use celestial objects tab in stars plugin



About the Spoken Tutorial Project

- Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project



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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Forum for specific questions

- Questions in THIS Spoken Tutorial?
- Visit <https://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- The Spoken Tutorial project will ensure an answer

You will have to register to ask questions



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