

# Moving in 3D Space

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

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12 June 2024



# Learning Objectives

**In this tutorial, we will learn to**



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**In this tutorial, we will learn to**

**► Zoom, pan and rotate the view**



# System Requirements

**To record this tutorial, I am using**



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**► Mac OS v14.5**



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- ▶ **Blender v4.1**



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**It is recommended to install Blender version 4.1 or higher**





# Pre-requisites

**To follow this tutorial,**



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- ▶ **The learner must be familiar with the 3D cursor**



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To follow this tutorial,

- ▶ The learner must be familiar with the 3D cursor
- ▶ If not, please access the relevant tutorials on this website  
<https://spoken-tutorial.org>



# Summary

**In this tutorial, we have learnt to**

- ▶ **Zoom, pan and rotate the view**



# Assignment

**As an assignment, please do the following:**

- ▶ **Add a Cylinder object on the 3D viewport**
- ▶ **Check the zoom, pan and rotate effects on the Cylinder**



# About the Spoken Tutorial Project

- ▶ Watch the video at  
[https://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](https://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarizes the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



# 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](mailto:contact@spoken-tutorial.org)



# Answers for THIS spoken tutorial

- ▶ 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





- ▶ For any general or technical questions on Blender, visit the FOSSEE forum and post your question.

<https://forums.fossee.in/>



# Acknowledgement

- ▶ **The Spoken Tutorial project was established by Ministry of Education, Government of India**

