

## Background material on vectors

The following web sites provide some additional introductory information about vectors.

<http://id.mind.net/~zona/mstm/physics/mechanics/vectors/introduction/introductionVectors.html>

Very general material at the level of a high school physics course, without giving too much information on the uses of vectors in physics.

[http://members.tripod.com/~Paul\\_Kirby/vector/VIntro.html](http://members.tripod.com/~Paul_Kirby/vector/VIntro.html)

Discusses **3** – dimensional vectors and includes pictures illustrating the length formula in this case.

<http://www.tech.plym.ac.uk/math/resources/PDFLaTeX/vectors.pdf>

This is a slide presentation like a PowerPoint file, and it goes a bit further into the mathematical theory of vectors and includes some quizzes to test the reader's understanding.

<http://www.nhn.ou.edu/~walkup/demonstrations/WebTutorials/VectorIntroduction.htm>

This is an interactive site with some motivation for the use of vectors.

## A YouTube video on vectors

<http://www.youtube.com/watch?v=xJBGfPfE4fQ>

This goes much further than other introductory videos, but the sound and animation might be helpful.