Official Blender User Manual

http://docs.blender.org/manual/en/dev/index.html

Very useful. Includes a wealth of information on both render engines, so always check to make sure that you are looking in the Cycles sections.

Also a great starting point if trying to find search terms.

Blender Fundamentals

http://www.youtube.com/watch? v=kes2gmijy7w&list=PLa1F2ddGya_8V90Kd5eC5PeBjySbXWGK1

This series of brief video tutorials from the Blender Foundation is currently (October 2017) one of the best and most up to date introduction to using Blender. After watching the first few, feel free to skip around and watch the ones that interest you most.

Blender Basics 5th Edition

http://www.cdschools.org/cms/lib04/PA09000075/Centricity/Domain/81/BlenderBasics5thEdition2017.pdf -direct link

http://www.cdschools.org/Page/455 -main page with additional resource links http://www.youtube.com/playlist?list=PLjNL5V9Xne2Y05kGUaLmJJCZABtJUBC2H -YouTube channel

This PDF is a very nice textbook created and used by a high school instructor.

Blenderartists.org - A Blender Community

http://blenderartists.org/forum/forum.php

One of the oldest and most active online communities for Blender users. A good place for asking Blender questions.

Blender Stack Exchange

http://blender.stackexchange.com/

Another good place for asking questions. Google and other search engine results from Blender Stack Exchange are most helpful.

Blendertarium

http://groups.google.com/forum/#!forum/blendertarium/

A Google group founded by our very own Ron Proctor. The group is a friendly place for discussing dome-related Blender questions.

BlenderNation

https://www.blendernation.com/

News site for all things Blender. Tutorials, development news, resources...

A few tutorials of particular interest. Not aimed at beginners, but certainly of interest and lots of fun.

Space nebula world environment.

Mark Kingsnorth created and shared a wonderful node group for creating a space nebula to surround a Blender scene. These can also be rendered out as equirectangular images or animated sequences for use in full 360 projects.

The node group can be downloaded from his website, and he made a YouTube video detailing the creation of the node group.

http://www.markkingsnorth.com/2017/02/16/nebula-node-group-v1-2-released/http://youtu.be/7EtXI4ePzO4

Micropolygon Displacement (good for rocky planets, asteroids and comets) Creative shrimp sells training on topics of interest for fulldome science creators, but also offers some free tutorials. The tutorials aren't as in-depth, but are still of value. http://www.creativeshrimp.com/exoplanet-blender-tutorial.html

Fire Shader

A very nice multi-part written tutorial on using Volume Materials instead of Surface Materials. Although the tutorial creates an animated camp fire, the node setups can be adapted to make a nebula.

http://real3d.fr/fire-shader/

Adding Clouds to Blender Cycles' Sky Texture

A video tutorial creating a World environment with clouds that can be animated. http://youtu.be/Tr6wTyfAO04

How to Make Earth (Cycles)

Blender Guru has many great tutorials. This is one of the most popular. http://www.blenderguru.com/tutorials/earth-cycles

Blender Tutorial: Planets Colliding Animation

A fun tutorial. Delightfully easy to follow. http://youtu.be/epygHzoCxa0

How to Create the Northern Lights in Blender 3D and GIMP

One of several methods for simulating an aurora with Blender.

http://www.youtube.com/watch?v=duUw9BpJttl