Books:

Textbooks:

[among others]

Contemporary Linguistics: An Introduction

by William O'Grady, John Archibald, Mark Aronoff, Janie Rees-Miller

(Textbook; available in 5th or 6th editions)

An Introduction to Language by Victoria Fromkin, Robert Rodman, Nina Hyams (Textbook; available in the 8th edition)

Introductory book to linguistics:

Biting the Wax Tadpole by Elizabeth Little (Excellent introduction to linguistics—about interesting features of languages and learning languages)

Books about language change:

The Power of Babel

by John McWhorter

(Broadly, about historical linguistics and language change, but there are lots of interesting tidbits about different languages included as well)

The Unfolding of Language

by Guy Deutcher

(About the evolution of language, and the evolution of complexity in language)

Books about language extinction:

Spoken Here by Mark Abley (About language extinction)

When Languages Die by K. David Harrison (About language extinctions and interesting features of languages)

Topical books:

Bastard Tongues by Derek Bickerton (About pidgins and creoles)

The Language Instinct

by Steven Pinker

(In which he sets forward his view that language is hardwired into the human brain)

The Story of Writing

by Andrew Robinson

(Explains the evolution of writing, in the process explaining how many writing systems work)

The Universal History of Numbers

by Georges Ifrah

(Explains everything about the history of numbers)

Web Resources:

Constructed Languages:

Gen

http://www.zompist.com/gen.html

(A tool for generating word based on constraints you enter-beta version)

SCA²

http://www.zompist.com/sca2.html

(A sound change engine-beta version)

Sentences to Test Constructed Language Syntax

http://fiziwig.com/conlang/syntax tests.html

(A variety of sentences to test the capabilities of a constructed language)

Virtual Verduria

http://www.zompist.com/virtuver.htm

(The most famous online constructed language project)

Numbers:

Numbers in over 5000 Languages

http://www.zompist.com/numbers.shtml

(The numbers 1-10 in over 5000 languages)

Of Languages and Numbers

http://www.languagesandnumbers.com/numbering-systems/en/

(Higher counting in many languages, plus books about many languages)

Orthography / Writing:

Omniglot

http://www.omniglot.com/

(A website dedicated to the writing systems, orthographies, and languages of the world)

Sign Language IPA

http://dedalvs.conlang.org/slipa.html

(An invented phonetic method to write sign languages, analogous to the IPA for spoken languages—beta version)

IPA Keyboard

http://westonruter.github.com/ipa-chart/keyboard/

(An easier way to type those arcane symbols)

X-SAMPA

http://www.theiling.de/ipa/

(A commonly used, easier-to-type alternative to the IPA)

Specific Languages:

Ethnologue

http://www.ethnologue.com/

(The definitive encyclopedia of the world's languages)

Open Language Archives Community

http://www.language-archives.org/

(More than 100000 language resources for specific languages)

SIL Bibliography

http://www.ethnologue.com/bibliography.asp

(A large set of publications representing thousands of languages, many free and online)

Miscellaneous:

Leipzig Glossing Rules

http://www.eva.mpg.de/lingua/resources/glossing-rules.php

(The definitive rules for making glosses of sentences)

LINGUIST List

http://linguistlist.org/

(A website containing many resources for linguists, such as MultiTree, a mapping device for phylogenetic language trees, and lists of dictionaries in many different languages)

LSA: Linguistic Style Sheet

http://www.lsadc.org/info/pubs-lang-style.cfm

(The formatting commonly used throughout the linguistic world)

SIL Linguistic Resources

http://www.sil.org/linguistics/resources.html

(Software, fonts, glossaries, etc.)

UPSID Database

http://web.phonetik.uni-frankfurt.de/upsid.html

(Languages and their phonologies, organized into a searchable database)

Wikipedia

http://www.wikipedia.org/

(Free encyclopedia, 282 languages offered)