

Web Resources for Constructing Applications

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- Social Media – Facebook, Twitter, etc.
 - <http://mashable.com/2012/03/09/social-media-demographics/>
 - <http://www.checkfacebook.com/>
 - <http://blog.twitter.com/2011/03/numbers.html>
- World data – population, life expectancy, climate, etc.
 - <http://www.gapminder.org/>
 - <http://www.census.gov/compendia/statab/>
 - <http://www.worldometers.info/>
 - <http://www.google.com/publicdata/directory>
 - <http://www.startribune.com/newsgraphics/112068769.html>
 - <http://www.nationmaster.com/statistics>
- Careers – job growth/decline, earning potential
 - <http://www.retailmeansjobs.com/>
 - <http://cew.georgetown.edu/resources/publications/>
 - <http://www.bls.gov/>
 - <http://www.payscale.com/payscale-index/>
- Sports – salaries, stats, number of people involved
 - <http://content.usatoday.com/sportsdata/baseball/mlb/salaries/team>
- Technology – computer storage, sales of products, cost of production, smartphones, texting, users
 - http://www.ctia.org/media/industry_info/index.cfm/AID/10323
 - <http://www.internetworldstats.com/stats.htm>
 - <http://www.vgchartz.com/article/88580/2011-year-on-year-sales-and-market-share-update-to-december-3rd/>

- College info – majors, college degrees, completion rates, cost
 - <http://www.completecollege.org>
 - <http://nces.ed.gov/>
 - <http://trends.collegeboard.org/>
- Current issues – gas, economy, transportation, environment
 - <http://fueleconomy.gov/>
 - <http://www.eia.gov/>
 - <http://www.rita.dot.gov/>
 - <http://www.ngdc.noaa.gov/ngdcinfo/onlineaccess.html>
- Pop culture – celebrity earnings, music, movies
 - <http://www.natoonline.org/statistics.htm>
 - <http://boxofficemojo.com/>
 - <http://www.forbes.com/lists/>
- Life skills – savings, credit cards, stocks
 - <http://www.google.com/finance?tab=we#>
- Health issues – BMI, BMR, calories burned, stats on illnesses, half-life of drugs
 - <http://www.cdc.gov/>
 - <http://www.world-nuclear.org/info/inf55.html>
 - http://www.radiochemistry.org/nuclearmedicine/radioisotopes/ex_iso_medicine.htm
- Other Sources
 - <http://www.data360.org/index.aspx>
 - <http://mathforum.org/workshops/sum96/data.collections/datalibrary/other.resources.html>
 - <http://www.trade.gov/>
 - <http://www.infoplease.com>

Math in the Real World

Examples

- http://www.maa.org/t_and_l/sampler/rs_6.html
- <http://commons.bcit.ca/math/examples/>
- http://www.thefutureschannel.com/algebra/algebra_real_world_movies.php
- <http://www.xpmath.com/careers/intro.php>
- http://www.thefutureschannel.com/store/algebra_in_the_real_world.php
- http://realworldmath.org/Real_World_Math/RealWorldMath.org.html
- <http://www.learner.org/index.html>
- <http://plus.maths.org/content/>
- <http://amser.org/index.php?P=Home> (Applied Math and Science Education Repository)
- <http://www.mac3.amatyc.org/projects.htm> (Mathematics Across the Community College Curriculum)