References

Here is a list of books, articles, and websites that can be used for research of Maria Agnesi:

Anzoletti, Luisa. *Maria Gaetana Agnesi.* Milan: L.F. Cogliati, 1900.

Truesdell, C.*,* Corrections and Additions for Maria Gaetana Agnesi, *Archive for History of Exact Science* **43** (1991), 385-386.
> This gave a descritption about Agnesi's life as well as her mathematics.

Grinstein, L.S., and Campbell, P.J. (eds.), *Women of Mathematics* (Westport, Conn., 1987), 1-5.
> This book gave a brief description of Agnesi's life but gave a list of references that were very helpful.

Mulcrone, T.F. "The names of the curve of Agnesi." *American Mathematical Monthly* **64** (1957): 359-361.
> A detailed description of how the curve of Agnesi got its name.

Spencer, Roy C. "Properties of the witch of Agnesi-application to fitting the shapes of spectral lines." *Journal of the Optical Society of America* 30 (1940):415-419.
> The applications to the witch of Agnesi are discussed in this reference.

Gray, S.I.B., and Malakyan, Tagui. "The Witch of Agnesi: Alasting Contribution from the First Surviving Mathematical Work Written by a Woman." *The College Mathematics Journal.* **30**, **4**: 258-268.
> This gave an excellent proof to the Cartesian expression as well as great pictures.

Agnesi, Maria Gaetana. *Instituzioni analiliche ad uso della gioventu italiana,* (Foundations of Analysis for the use of Italian Youth), Milan, 1748.
> This is the book that Agnesi wrote for the education of her brothers.

Agnesi, Maria Gaetana. *Analytical Institutions,* translated by John Colson, Taylor and Wilks, 1801.
> This is the translation of Agnesi's book in which the first use of witch was used to describe the curve.

Kennedy, Hubert C. "The Witch of Agnesi-Exorcised." *The Mathematics Teacher.* October 1969. 480-482.
> This reference gave a brief description on Agnesi's life as well as a reference to Sister Mary Thomas who confirmed that Agnesi did not teach at Bologna.

http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Agnesi.html
> This website gave a great description of Agnesi's life.

http://www.astr.ua.edu/4000ws/witch-of-agnesi.html
> A great graph of the witch can be viewed at this website.

http://jwilson.coe.uga.edu/Texts.Folder/Agnesi/witch.html
> The proof to the parametric equations can be found here as well as great graphs.

http://xahlee.org/SpecialPlaneCurves_dir/witchofagnesi_dir/witchofagnesi.html
> Great graphs of the inversions of the curve can be seen at this website.

http://agnesscott.edu/Iriddle/women/agnesi.htm
> This is a great website for general information as well as links to other information and other mathematicians.