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### 3-D Medieval Art & Architectural History

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### ***3-D Medieval Art & Architectural History***

Art & Architectural History by its very nature is three dimensional, but most of the time, when not teaching in situ, we make do with two-dimensional images. As lovely as they can be, they do not *\*quite\** approximate the three-dimensional experience. Using new technology, though, it is possible to present something akin to the real thing.

**Videos:** A number of videos can now be accessed that reconstruct medieval churches now and in the past. Notre Dame, Paris, in particular has been the subject of a number of these studies.

[http://www.dailymotion.com/video/xtqrf6\\_paris-reconstituee-en-3d-le-chantier-de-la-cathedrale-notre-dame\\_tech?goback=.gde\\_4008284\\_member\\_173861508#.UVwkGzdXoUw](http://www.dailymotion.com/video/xtqrf6_paris-reconstituee-en-3d-le-chantier-de-la-cathedrale-notre-dame_tech?goback=.gde_4008284_member_173861508#.UVwkGzdXoUw)

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

Also see the work done on medieval sculpture at the Louvre

[http://tousmecenes.com/acquisition\\_ivoires/?goback=.gde\\_4008284\\_member\\_184407165#/trois\\_dimensions](http://tousmecenes.com/acquisition_ivoires/?goback=.gde_4008284_member_184407165#/trois_dimensions)

**Computer modeling** has also been used to explore the structures of many cathedrals such as: Nidaros Cathedral

<http://www.youtube.com/watch?v=bm4HCVUekvc>

Bamberg Cathedral

<http://www.youtube.com/watch?v=bYM30bqmnnA>

Cologne Cathedral

<http://www.youtube.com/watch?v=VhZ1c1jHVSU>

Santiago de Compostela

<http://www.youtube.com/watch?v=SmVJSmLA7BU>

Model of Parish Church

<http://www.youtube.com/watch?v=OhnLhKyBwg4>

**3-D Printing** And, lately, with the advent of relatively inexpensive 3-D printers, you can now (with the right equipment) print up your own three-dimensional model of a cathedral:

Video of Cathedral being printed

<http://www.youtube.com/watch?v=Bb-IEQt9I2s>

Print your own model of Reims Cathedral

<http://www.thingiverse.com/thing:35798>

