

## AAT technology timeline

Looking for a chart suitable for a history of developments in technology? Then set up a display of the *AAT technology timeline*.

## AAT cosmological timeline

Looking for a chart suitable for a history of cosmological, geological, or biological events? Then set up a display of the *AAT cosmological timeline*.

## AAT timelines are metric

As resources for metrication education, each timeline is structured or scaled coherent with the International System of Units (SI) and the Integrated Chronological Applications System (ICAS).

The timeline scale documents are designed for printout to standard letter paper sizes (including ISO A4) without any need for re-scaling.

See the *AAT overview of metric units* documents for additional information about SI and ICAS units.

## display of timelines

The timeline document pages are designed for display as a series. Users may trim the left and right margins of each page for scale positioning as part of a larger chart.

Users may also position other documents for display with the timeline charts. Knowledge content materials such as topical descriptions, illustrations, or fact sheets may be positioned adjacent to regions of the timeline scales. Pushpins and string can be used to connect knowledge content to corresponding points on a timeline. Look to the web version of the AAT technology timeline at <http://www.aatideas.org/member/10000/index.html> for ideas for knowledge content. Make it metric!

AAT recommends display of this timeline guide document with any display of the timelines. At least one terms of use legend should be displayed for any display of a timeline scale or document. Otherwise it is permissible to cover duplicate terms of use legends.

## technology timeline specs

1 mm of the *AAT technology timeline* corresponds to 1 New Calendar year. 61 document pages span 12 200 New Calendar years across 12.2 meters of display.

UCN designates use of the Uniform Calendar for any New Calendar-era date: 12004 UCN (2004 AD).

UCA designates use of the millennial-place digits of the uniform tenmillennium yeargroup 10000-19999 NC for coordination of Uniform Calendar years subject to the Gregorian calendar: Uniform Calendar year 2004 UCA corresponds to Gregorian calendar year 2004 AD.

Years subject to the Gregorian calendar may be referenced as 'UCA' for Uniform Calendar dates and 'AD' for Gregorian calendar dates.

## cosmological timeline specs

1 mm of the *AAT cosmological timeline* corresponds to 10 000 000 New Calendar years. 11 document pages span 22 gigalennia (22 Gium) across 2.2 meters of display.

The pre-teralennial (preTium) scale is designated as the teralennium immediately preceding the current New Calendar era. Year 12004 UCN (also 2004 UCA) would correspond to year 1-000-000-012-004 preTium.

By definition, the uniform yeargroup megalennium (Mium) is equal to 365 242 500 main units (NC-era days) in 1 000 000 New Calendar years. The larger uniform yeargroups do not necessarily correspond to the number of terrestrial days in these periods, due to gradual changes in the duration of the Earth's rotation. Nonetheless, in addition to the use of metric prefix multiples of the IDC main unit, the larger uniform yeargroups provide another method for conceptualizing larger scales of time in terms of calendar units defined in terms of the IDC main unit.

**special note:** The IDC main unit is decimally coherent to a main unit of one day, and a fixed implementation is linked precisely to the SI second. Although uniform yeargroups are linked precisely to the IDC main unit, they are not decimally coherent to the main unit. Care should thus be exercised in the usage of uniform yeargroup scales.

terms of use

ICAS in use

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Alliance for the Advancement of Technology strives to develop quality educational programming for members and other interested parties, to explore a focus on the development of applicable philosophies of technology, and to promote a proactive and constructive paradigm for the development of solutions to challenges relating to developments and uses of technologies.

order AAT ICAS metrication kits or sign on for AAT membership per terms currently available from <http://www.aatideas.org>

Alliance for the Advancement of Technology develops the *AAT guide to timelines*, the *AAT technology timeline*, the *AAT cosmological timeline*, and the *AAT overview of metric units* documents for programmatic uses in accordance with the AAT mission as an educational organization.