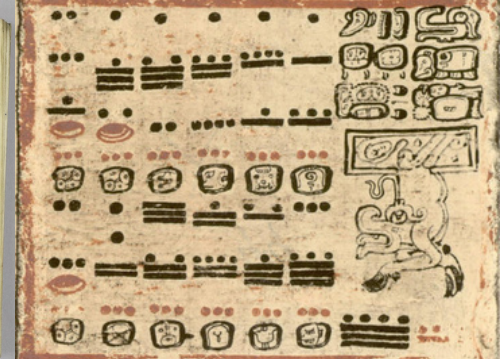


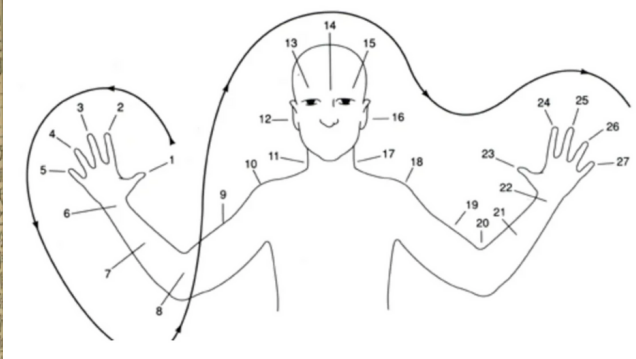
Calculating areas and volumes. Seki Takakazu "Kaikendai". Copy. National Diet Library Digital Collections.



Mayan numerals in Dresden codex (circa 13th-14th century.)



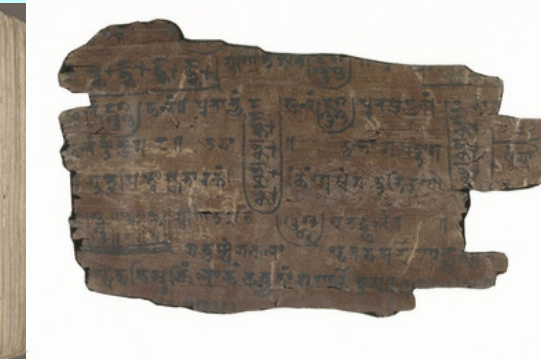
Computing π , from the Jiuzhang suanshu (The Nine Chapters on the Mathematical Art)



Demonstration of the Oksapmin base-27 counting system



Omar Khayyam's solutions to all cubic equations, from the manuscript "Maqalah fi al-jabr wa-al muqabalah" (Smith Oriental Manuscripts)



The Bakhshali Manuscript, (Bodleian Libraries, 2011), a manuscript of medieval algorithms found 50 miles outside of Peshawar, Pakistan.



Ishango Bone, Royal Belgian Institute of Natural Sciences

History For Diversity in Mathematics Network

Building a network around using history of mathematics to promote equality, diversity and inclusion in the mathematics curriculum in UK HE.

Research questions:

- In what ways are current HE maths curricula experienced as exclusive?
- What examples are there of using history to make the curriculum more inclusive?
- What support do practitioners need in using history to diversify the curriculum?
- How is the effectiveness of such initiatives best evaluated?



Image of Maryam Mirzakhani, the first woman to win a Fields Medal (Mariana Cook, 2008)



Sangaku (1861) hung from the Sōzume Shrine in Okayama City. In this image we see women and children tackling mathematical problems using soroban (or Japanese abaci).

Activities

- focus groups (in person)
- workshops (online)
- information hub
- literature review
- developing evaluation principles



Two people in Kigali, Rwanda playing the ancient game of Omweso (Moongateclimber, Public domain, via Wikimedia Commons).

Examples of use of history

- Provision of role models
- Using historical examples to provide a culturally-level playing field in class
- Sensitising staff to the cultural specificity of current mathematical practices
- Leveraging precedents from non-European cultures

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