

Astronomic Farming

Cultural heritage and new approaches

Online course
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<https://www.sektion-landwirtschaft.org/en/training/deepen-biodynamics/deepening-courses>





Machu Picchu Peru



Peru, Inca Cosmology





Palenque, México

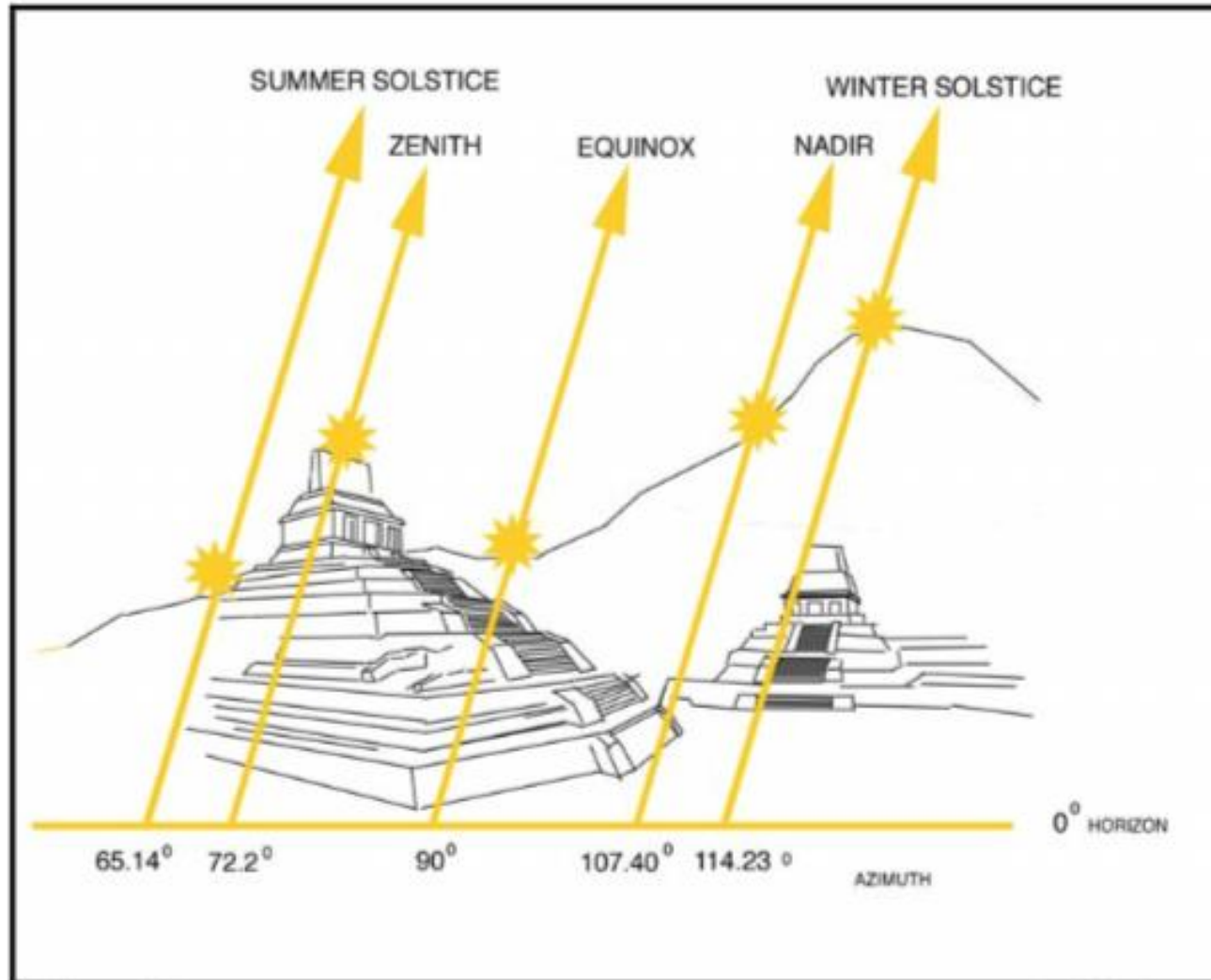


Figure 28

A. Mendez

Solar alignments as seen from the Temple of the Sun

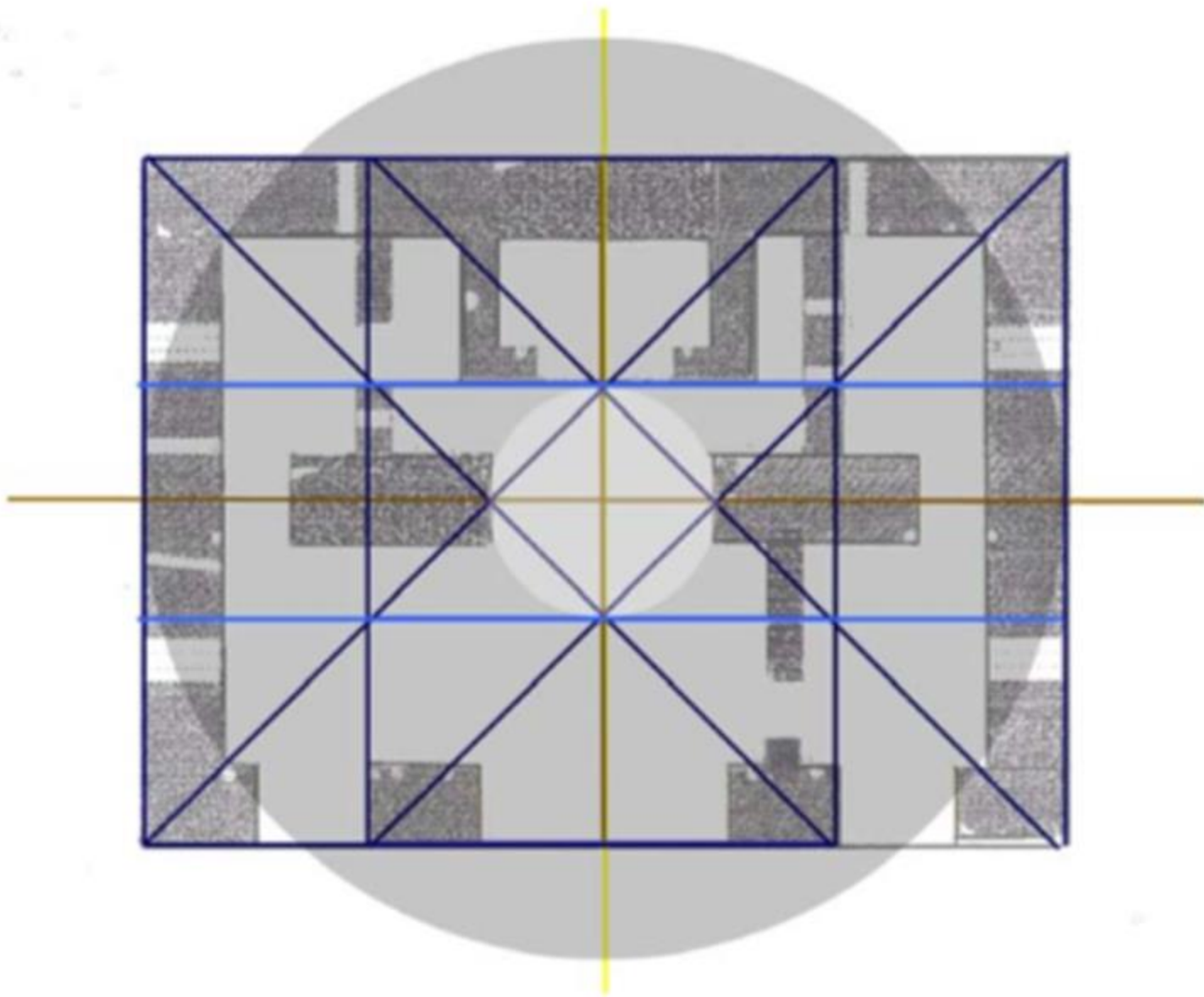


Figure 30

A.Mendez



Figure 14

A. Mendez



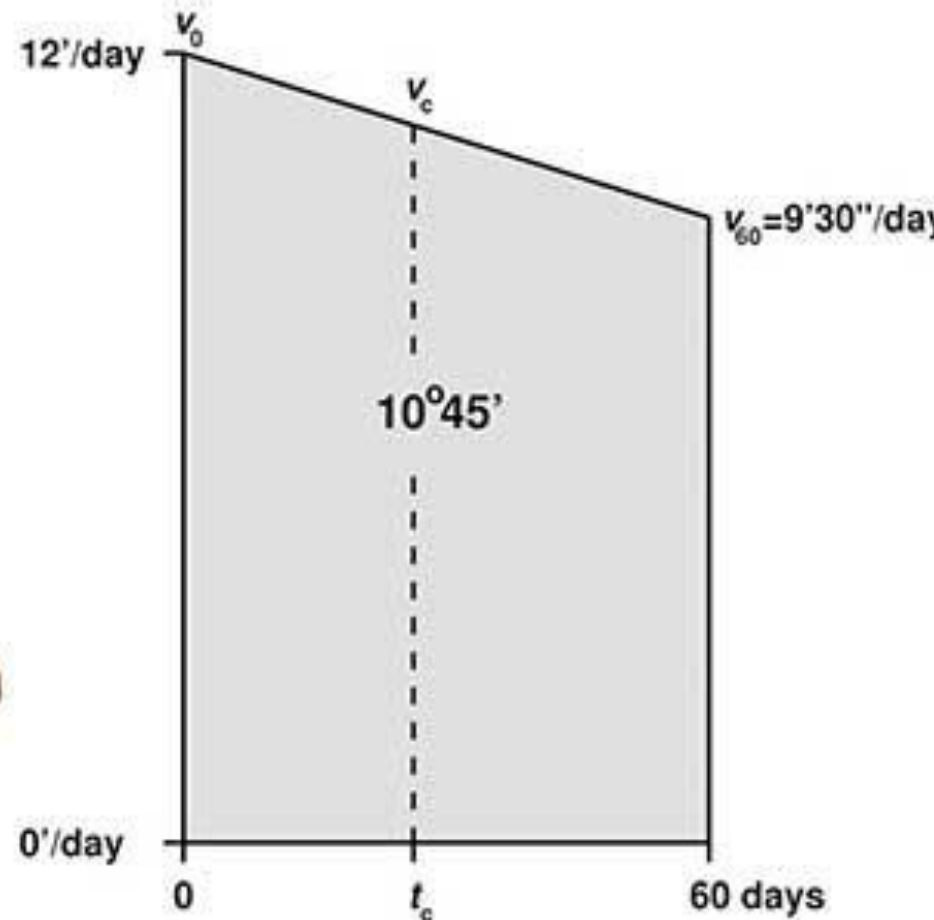




Babylonian tracking Jupiter



Text B (BM 34757)



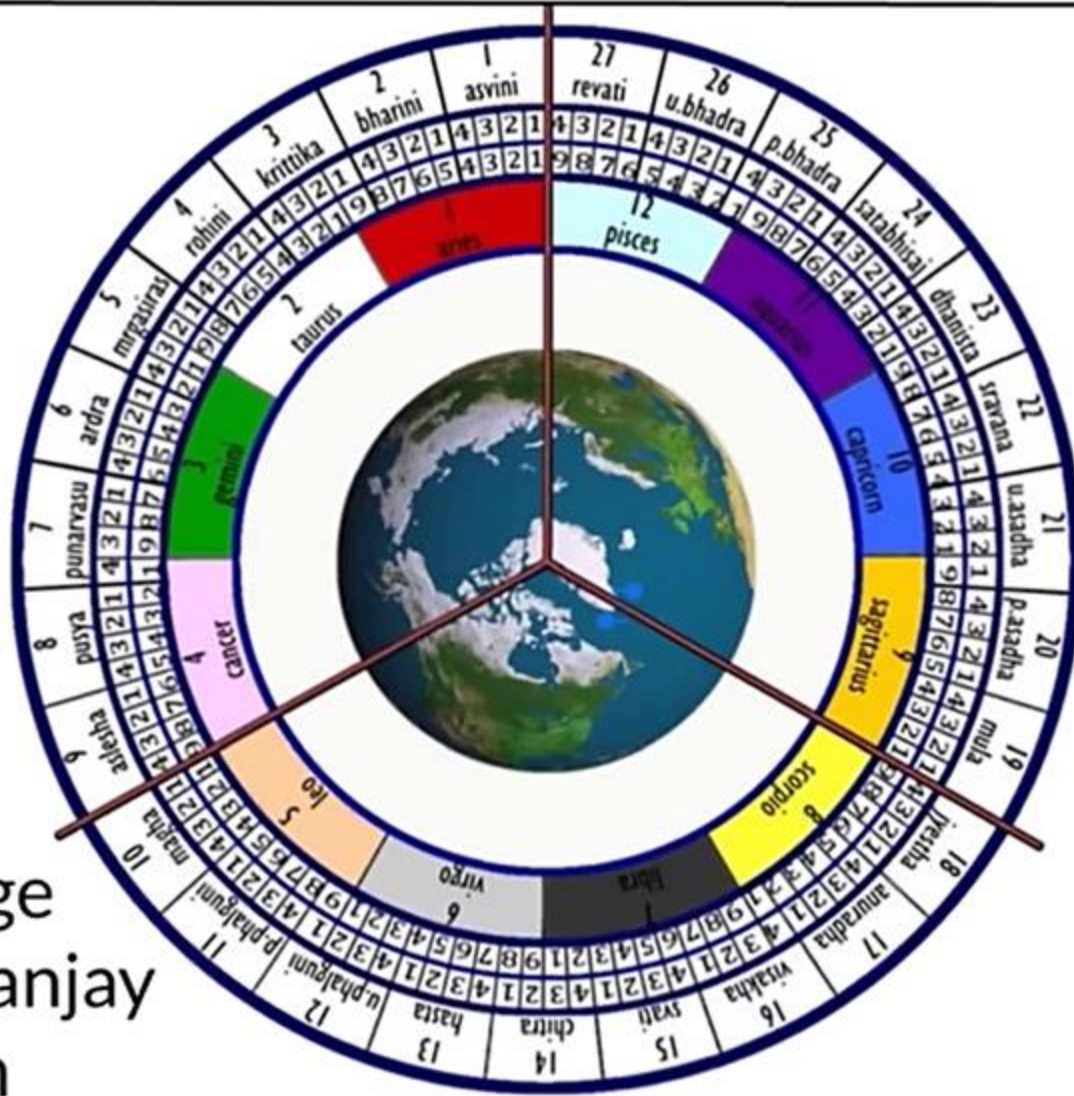
Indian calendar & Nakshatra

- Nakshatra, The duration of moon's movement in one day
- Nakshatra = “protecting the night from distraction”
- Start at: the vernal equinox, the sign of "Krittika"

30

BAVA - Nakshatra Workshop - London 2019

Image
Pt Sanjay
Rath

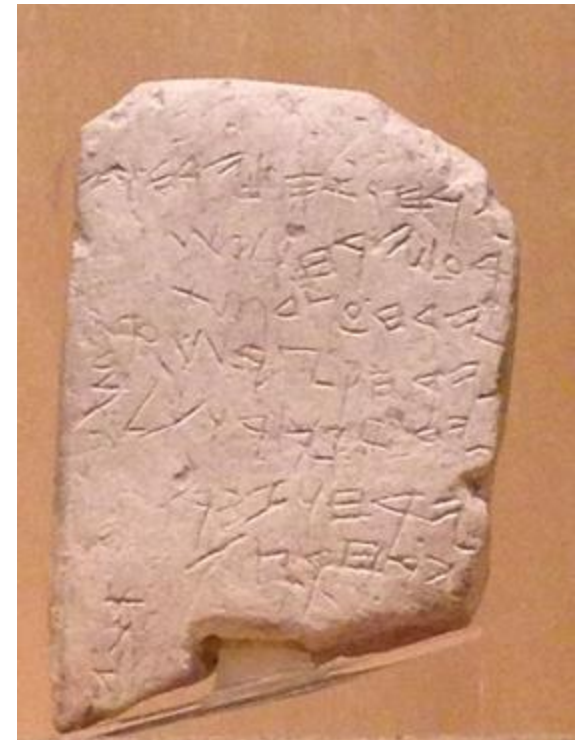


27 Nakshatra scheme

Jewish calendar

- The Gezer calendar from 8th BC

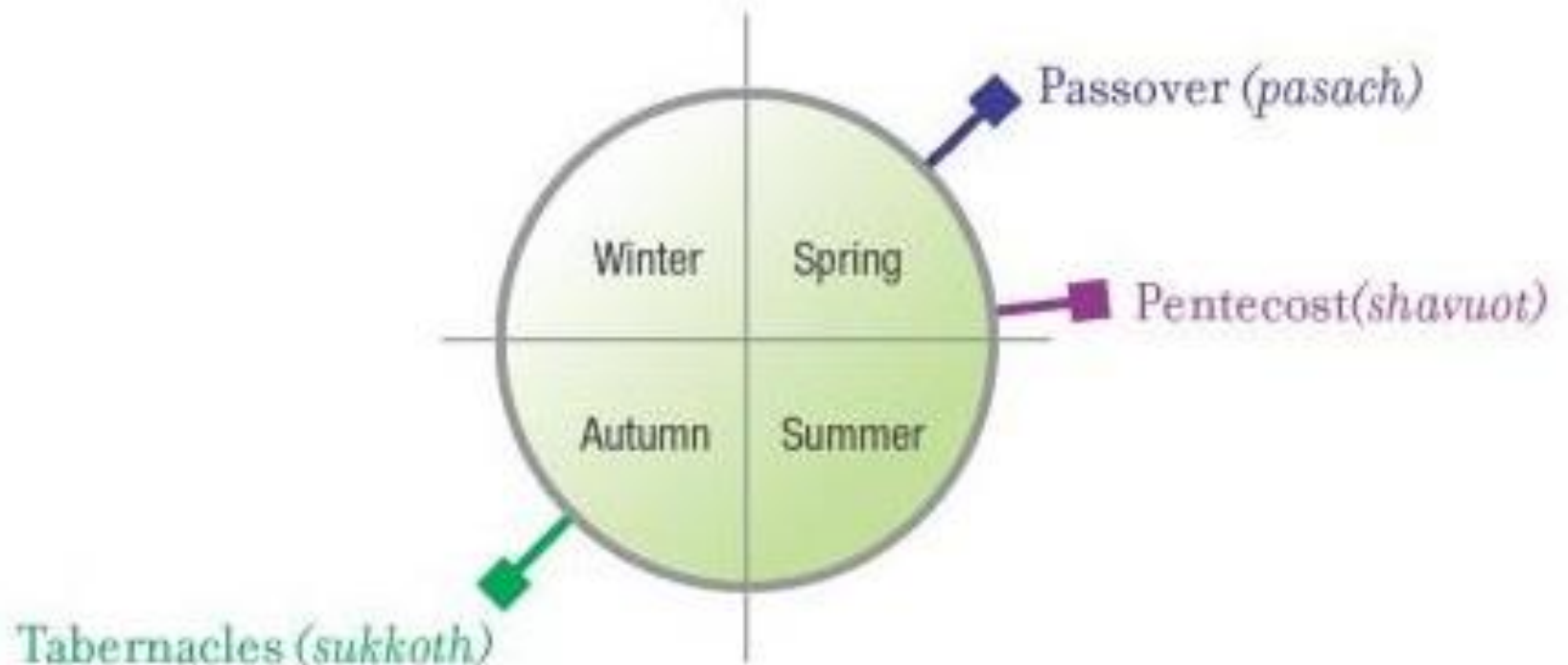
Hebrew Month Name	Name in Gezer Calendar	Gregorian Month	Agricultural Activity
Tishrei and Cheshvan	Yarhu Asif	September - November	Two months of harvest
Kislev and Tevet	Yarhu Zera	November - January	Sowing
Shevat and Adar	Yarhu Lekesh	January - March	Two months of late sowing
Nisan	Yerach Atzad Pishtah	March - April	Flax uprooting month
Iyar	Yerach Katzir Seorim	April - May	Barley harvest month
Sivan	Yerach Katzor veKaleh	May - June	End of harvest and wheat harvest (or measuring grain)
Tammuz and Av	Yarhu Zemer	June - August	Two months of grape harvesting
Elul	Yerach Ketz	August - September	Picking summer fruits, such as figs

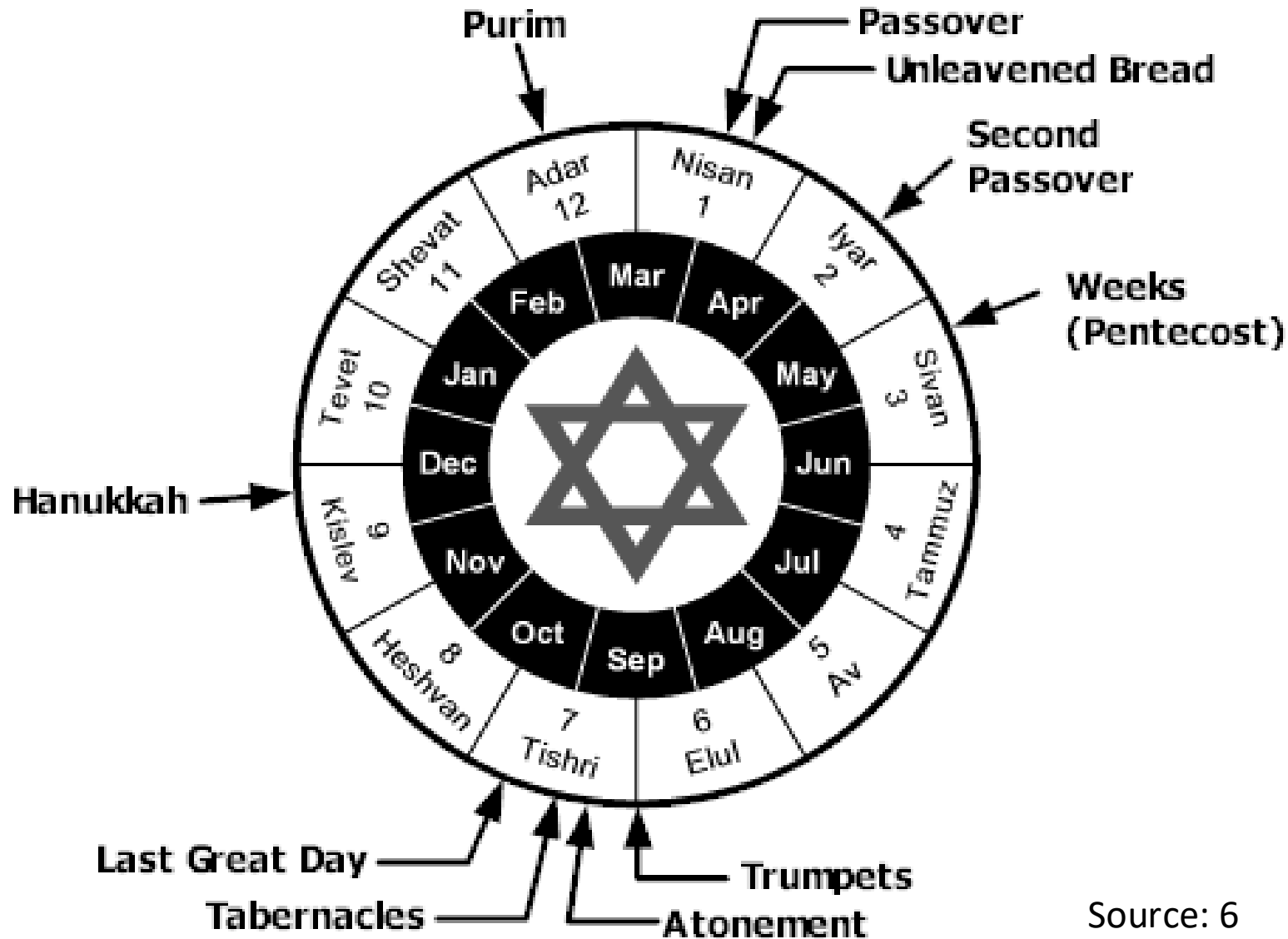


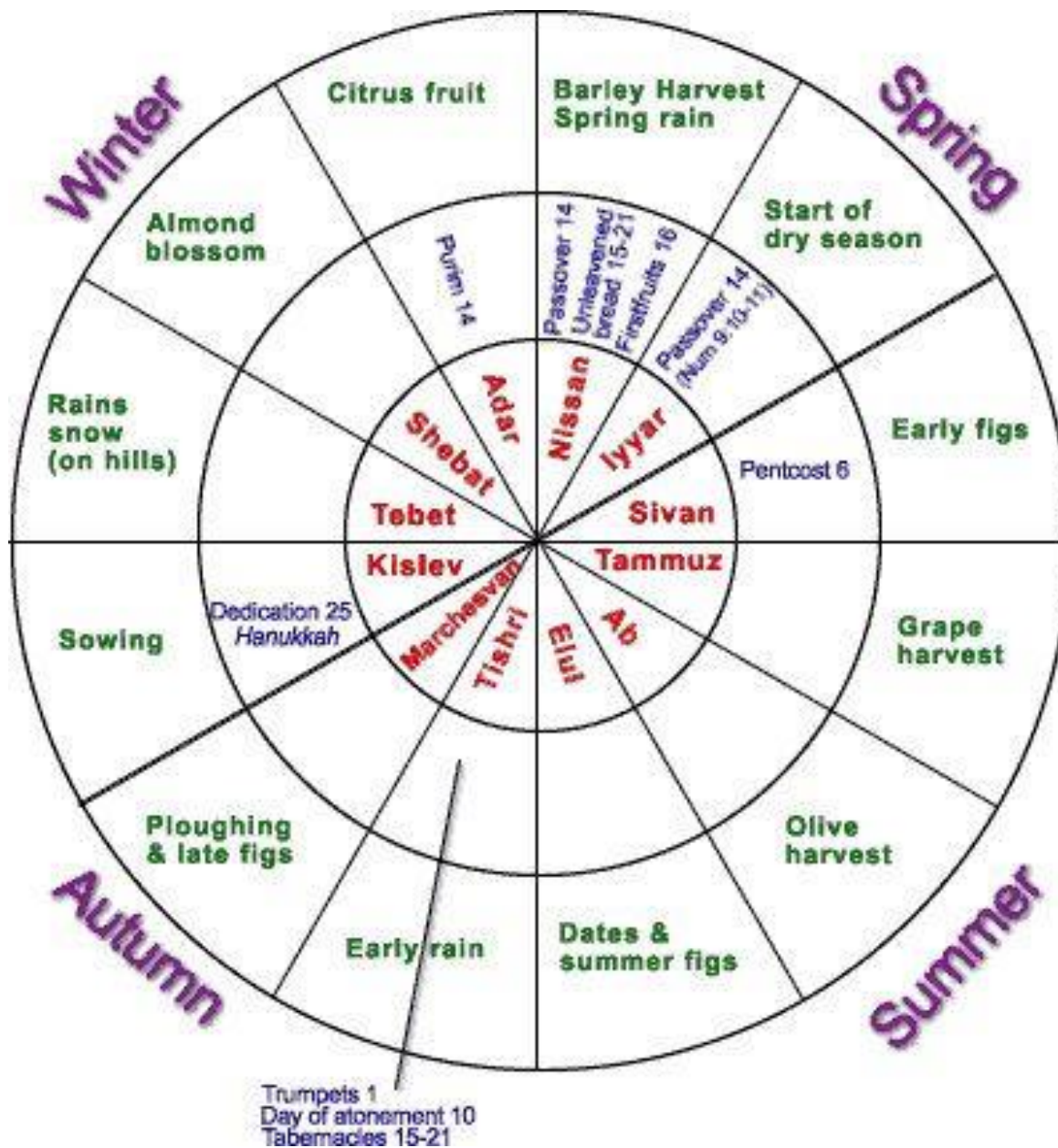
Jewish calendar

- A gap between the moon cycle and the sun cycle
- $235 \text{ M} = 19 \text{ S}$
in 3,6,8,11,14,17,19
- $235 = (12 \cdot 12) + (7 \cdot 13)$
- 7 leap years in every 19 years

Judaism's Annual Pilgrimage Feasts







References

- 1) <https://www.scientificamerican.com/article/babylonians-tracked-jupiter-with-fancy-math-tablet-reveals/>
- 2) <https://www.uniworld.com/eu/river-cruise/south-america/peru/peruvian-amazon-and-machu-picchu-exploration/2025-lima-to-lima>
- 3) <https://andeangreattreks.com/blog/inca-astronomy/>
- 4) https://en.wikipedia.org/wiki/Gezer_calendar
- 5) www.abramkj.com
- 6) <https://catholic-resources.org>
- 7) <https://www.pinterest.com/pin/507569820485083068>