

## Making Days

### Key Topics

1. Lunar phases
2. First calendar makers Mesopotamia and China and America used moon to tell time
3. Lunar calendars do not line up with solar calendars, which are important to farmers for seasons
4. How seasons are made
5. Chinese, Jewish, Islamic calendars still lunar based
6. Egyptians first to use solar calendar
7. Solstices and equinoxes
8. Stonehenge, Palenque
  - a. [360 degree panorama of Stonehenge](#)
9. Days, weeks, hours, seconds
  - a. How many days are in a year? [Activity here](#)
  - b. [Making a sunclock](#)
10. Evolution of numbers
  - a. Hieroglyphics and cuneiform
  - b. Sumeria – complicated arithmetic including ratios  
read History of Counting picture book

### Key Words

- Gibbous – Latin for hump; moon in between half and full
- Waxing – moon growing bigger
- Waning – moon shrinking
- Synchronize – to keep time with

### Resources

- Aristotle Leads the Way ch 3
- "Using the Sun to Keep Time" segment of The Reasons for the Seasons on Cosmeo