
Things to do with your coloring page or constellation card

1. Choose a coloring page or a constellation card with a constellation that seems interesting to you.
2. Color your constellation.
3. Does your constellation card or coloring page indicate any star names?
4. Punch holes in the brightest stars. Then hold the card up to the light to see the star pattern.
 - Compare the *star pattern* with the *constellation figure*.
 - How much imagination is necessary to see the figure in the star pattern?
5. Archaeology of the night sky:
 1. How has the interpretation of this constellation changed over time?
 2. Compare your constellation with a list of the 48 constellations recognized by Ptolemy in the 2nd century. Is your constellation included? If not, when and by whom was it invented?
 3. Compare your constellation with a list of the 88 constellations officially recognized today. Is your constellation currently recognized?
6. Geography of the night sky:
 1. How has the interpretation of this star pattern varied around the world?
 2. Does this constellation or star pattern hold any meaning in your culture and heritage, or to those who have lived in places you have been?
 3. Do you know any stories, mythology, paintings, poetry or music that refer to this star pattern?
 4. Have you ever seen your constellation represented in jewelry, works of art, the movies, or other forms of media?
7. Punch holes in 2 pieces of cardstock set underneath the constellation card to make the star pattern without a traditional constellation figure.
 1. Look at the star pattern and imagine a figure from a favorite story that it might represent.
 2. Sketch your own brand-new constellation figure.
8. Find your constellation on a planisphere, a star chart, and a celestial globe.
 1. Location: Does your constellation contain the *celestial equator*? If so, and if it is not shown on your card, draw it in. Determine whether your constellation is *equatorial*, or whether it falls north or south of the celestial equator.
 2. Zodiac: Does your constellation contain the *ecliptic*? (The ecliptic is the annual path of the Sun.) If so, it is a zodiac constellation. If the ecliptic is not shown on your card, draw it in.
 3. Season: According to a planisphere, during which season is your constellation most prominent in the evening sky?
 4. Does your constellation include any stars, nebulae, galaxies or other deep-sky objects visible in a telescope that are of interest to you? If so, draw them in.
9. Have you ever seen your constellation in the night sky?
Look for a skywatch opportunity.

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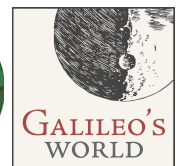


48 Constellations of Ptolemy

Which Ptolemaic constellations are not included in your star atlas?

1. Andromeda
2. Aquarius the Water Carrier
3. Aquila the Eagle
4. Ara the Altar
5. Argo Navis, the Ship of the Argonauts
6. Aries the Ram
7. Auriga the Charioteer
8. Boötes the Herdsman
9. Cancer the Crab
10. Canis Major the Big Dog
11. Canis Minor the Little Dog
12. Capricornus the Sea-Goat
13. Cassiopeia the Ethiopian Queen
14. Centaurus the Centaur
15. Cepheus the Ethiopian King
16. Cetus the Sea Monster
17. The Claws (Libra)
18. Corona Australis the Southern Crown
19. Corona Borealis the Northern Crown
20. Corvus the Crow
21. Crater the Cup
22. Cygnus the Swan
23. Delphinus the Dolphin
24. Draco the Dragon
25. Equuleus the Little Horse
26. Eridanus the River
27. Gemini the Twins
28. Hercules
29. Hydra the Water Snake
30. Leo the Lion
31. Lepus the Hare
32. Lupus the Wolf
33. Lyra the Harp
34. Ophiuchus the Snake Handler
35. Orion the Hunter
36. Pegasus the Flying Horse
37. Perseus
38. Pisces the Fishes
39. Piscis Austrinus the Southern Fish
40. Sagitta the Arrow
41. Sagittarius the Archer
42. Scorpius the Scorpion
43. Serpens the Snake
44. Taurus the Bull
45. Triangulum the Triangle
46. Ursa Major the Big Bear
47. Ursa Minor the Little Bear
48. Virgo the Maiden

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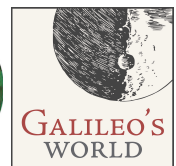
88 Modern Constellations

Check off the constellations included in your coloring pages or card set.

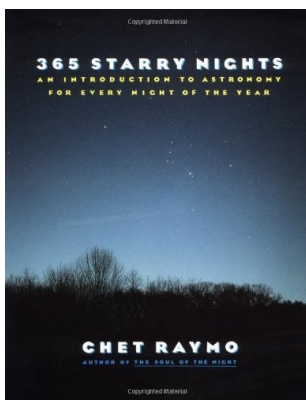
Do your coloring pages or card set contain any constellations that are no longer recognized?

1. Andromeda
2. Antlia the Air Pump
3. Apus the Bird of Paradise
4. Aquarius the Water Carrier
5. Aquila the Eagle
6. Ara the Altar
7. Aries the Ram
8. Auriga the Charioteer
9. Boötes the Herdsman
10. Caelum the Chisel
11. Camelopardalis the Giraffe
12. Cancer the Crab
13. Canes Venatici the Hunting Dogs
14. Canis Major the Big Dog
15. Canis Minor the Little Dog
16. Capricornus the Sea-Goat
17. Carina the Keel of Argo Navis
18. Cassiopeia the Queen of Ethiopia
19. Centaurus
20. Cepheus the King of Ethiopia
21. Cetus the Sea Monster
22. Chameleon
23. Circinus the Drawing Compass
24. Columba the Dove
25. Coma Berenices, Berenice's Hair
26. Corona Australis the Southern Crown
27. Corona Borealis the Northern Crown
28. Corvus the Crow
29. Crater the Cup
30. Crux the Southern Cross
31. Cygnus the Swan
32. Delphinus the Dolphin
33. Dorado the Swordfish
34. Draco the Dragon
35. Equuleus the Little Horse
36. Eridanus the River
37. Fornax the Furnace
38. Gemini the Twins
39. Grus the Crane
40. Hercules
41. Horologium the Pendulum Clock
42. Hydra the Water Snake
43. Hydrus the Southern Water Snake
44. Indus the American Indian
45. Lacerta the Lizard
46. Leo the Lion
47. Leo Minor the Little Lion
48. Lepus the Hare
49. Libra the Balance
50. Lupus the Wolf
51. The Lynx
52. Lyra the Harp
53. Mensa the Table Mountain
54. Microscopium, the Microscope
55. Monoceros the Unicorn
56. Musca the Fly
57. Norma the Carpenter's Square
58. Octans the Octant
59. Ophiuchus the Snake Handler
60. Orion the Hunter
61. Pavo the Peacock
62. Pegasus the Flying Horse
63. Perseus
64. Phoenix
65. Pictor the Painter's Easel
66. Pisces the Fishes
67. Piscis Austrinus, the Southern Fish
68. Puppis the Stern of Argo Navis
69. Pyxis the Magnetic Compass
70. Reticulum the Net
71. Sagitta the Arrow
72. Sagittarius the Archer
73. Scorpius the Scorpion
74. Sculptor, the Sculptor's Workshop
75. Scutum the Shield
76. Serpens the Snake
77. Sextans the Sextant
78. Taurus the Bull
79. Telescopium, the Telescope
80. Triangulum, the Triangle
81. Triangulum Australe the Southern T.
82. Tucana the Toucan
83. Ursa Major the Big Bear
84. Ursa Minor the Little Bear
85. Vela the Sail of Argo Navis
86. Virgo the Maiden
87. Volans the Flying Fish
88. Vulpecula the Fox

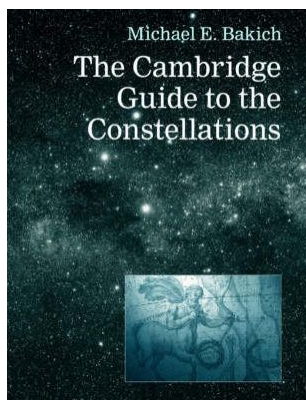
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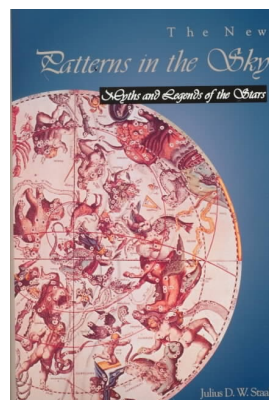
Recommended resources



Chet Raymo, *365 Starry Nights*
A read-aloud orientation to the constellations in astronomy, literature and skylore



Michael E. Bakich, *The Cambridge Guide to the Constellations*
Handy reference information for every constellation



Julius D.W. Staal, *The New Patterns in the Sky*
Skylore from around the world combines astronomy and mythology

iBook Store: *Galileo's World Exhibit Guide*
App store: StarWalk & SkySafari Pro

David Chandler Planisphere



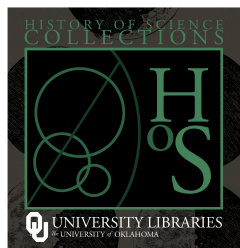
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Download open educational resources in the "Constellations" series from oulynx.org

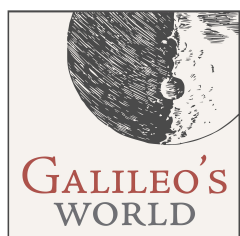


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History of Science Collections
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Galileo's World exhibition

galileo.ou.edu