

## Constellation Coordinates -

### Cancer:

- Acubens: RA 8h 59m, Dec. +11° 47'
- Al Tarf: RA 8h18 m, Dec. +9° 7'
- Asellus Australis: RA 8h 46m, Dec. +18° 5'
- Iota Cancri: RA 8h 48m, Dec. +28° 41'

### Leo:

- Regulus: 10h 08m +11° 58'
- Denebola: 11h 49m +14° 34'
- Algieba: 10h 19m +19° 50'
- Adhafera: 10h 16m +23° 25'
- Zosma: 11h 14m +20° 31'
- Chort: 11h 14m +15° 25'
- Al Jabbah: 10h 07m +16° 45'
- Ras Elased Borealis: 09h 52m +26° 00'
- Ras Elased Australis: 09h 45m +23° 46'

### Gemini:

- Pollux: 07h 45m +28° 01'
- Castor: 07h 34m +31° 53'
- Tau Geminorum: 07h 11m +30° 14'
- Theta Geminorum: 06h 52m +33° 57'
- Kappa Geminorum: 07h 44m +24° 23'
- Upsilon Geminorum: 07h 35m +26° 53'
- Propus: 06h 14m +22° 30'
- Wasat: 07h 20m +21° 58'
- Mebsuta: 06h 43m +25° 07'
- Nu Geminorum: 06h 28m +20° 12'
- Tejat Posterior: 06h 22m +22° 30'
- Alhena: 06h 37m +16° 23'
- Alzirr: 06h 45m +12° 53'

### Cassiopeia:

- Caph: 00h 09m +59° 08'
- Schedar: 00h 40m +56° 32'
- Ruchbah: 01h 25m +60° 14'
- Segin: 01h 54m +63° 40'
- Gamma Cassiopeiae: 00h 56m +60° 43'

Big Dipper:

- Alkaid: 13h 47m +49° 18'
- Mizar/Alcor: 13h 23m +54° 55'
- Alioth: 12h 54m +55° 57'
- Megrez: 12h 15m +57° 01'
- Phecda: 11h 53m +53° 41'
- Merak: 11h 01m +56° 22'
- Dubhe: 11h 03m +61° 45'

Credits: **Innovators Developing Accessible Tools for Astronomy (IDATA)**, officially known as *Research Supporting Multisensory Engagement by Blind, Visually Impaired, and Sighted Students to Advance Integrated Learning of Astronomy and Computer Science*, and the resulting curricular resources, Afterglow Access software, and project research were made possible with support from the U.S. National Science Foundation's STEM+C program (Award 1640131). IDATA institutional collaborators include AUI, GLAS Education, Linder Research & Development Inc., Logos Consulting Group, TERC, University of Nevada – Las Vegas, University of North Carolina at Chapel Hill, and Universidad Diego Portales. Individual consultants on the project include Kathy Gustavson and Alexandra Dean Grossi. IDATA Teacher collaborators in the U.S. include Amanda Allen, Jacqueline Barge, Holly Bense, Neal Boys, Tim Fahlberg, Kristin Greder, David Lockett, Matthew McCutcheon, Caroline Odden, Michael Prokosch, Kara Rowbotham, Rick Sanchez, and Barbara Stachelski. IDATA Student collaborators in the U.S. include Evan Blad, Naleah Boys, Ellen Butler, Jayden Dimas, Riley Kappell, Joseph Murphy, Logan Ruby, Alex Scerba, Charlize Sentosa, Meg Sorensen, Remy Streichenberger, Trevor Warren, and others. IDATA Undergraduate Mentors include Tia Bertz, Katya Gozman, Chris Mathews, Kendall Mehling, Andrea Salazar, Ben Shafer, Alex Traub, and Sophia Vlahakis. Special thanks to the IDATA external advisors including Nic Bonne, Al Harper, Sue Ann Heatherly, Russ Laher, Luisa Rebull, Ed Summers, and Kathryn Williamson.