**Week 1:**

[**Astronomical coordinate systems - Wikipedia**](https://en.wikipedia.org/wiki/Astronomical_coordinate_systems)

[**Magnitude (astronomy) - Wikipedia**](https://en.wikipedia.org/wiki/Magnitude_(astronomy))

[**Gaia Data Release 3 overview - Gaia - Cosmos (esa.int)**](https://www.cosmos.esa.int/web/gaia/data-release-3)

[**Gaia Archive (esa.int)**](https://gea.esac.esa.int/archive/)- for searching objects, coordinates

[Inside Gaia's billion-pixel camera](https://www.youtube.com/watch?v=bbfb8VhH7L0&pp=ygUIZ2FpYSBlc2E%3D)

[**20 Datamodel description‣ Part V Gaia archive ‣ Gaia Data Release 3 Documentation release 1.2 (esa.int)**](https://gea.esac.esa.int/archive/documentation/GDR3/Gaia_archive/chap_datamodel/)