

CRAFTY CONSTELLATIONS

Our constellation models give you a handy guide to the distance between the Earth and some of the stars.

You will need:

- A constellation template
- String
- One bead per star
- Pencil
- A ruler
- A pair of scissors

How to build

1. Use the pencil to poke a small hole for each star.
2. Tie a bead to the end of the string and thread the other end through the small hole.
3. Measure the string to the right length, then cut. Use the scale $1\text{cm} = 10\text{ly}$ (light-years).
For example, a star that is 426ly away would need string 42.6cm long. Secure to the back of your mobile with a small piece of tape.
4. Repeat for all the stars.

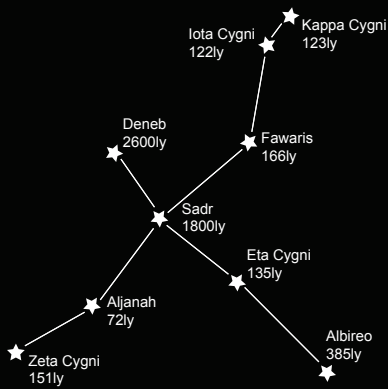
Enjoy exploring the distance between the stars of your favourite constellation.

This resource was created by National Space Centre with support from ASDC as part of Project Lightyear: Disney and Pixar have teamed up with ASDC to engage people with exciting science topics inspired by the film *Lightyear*.

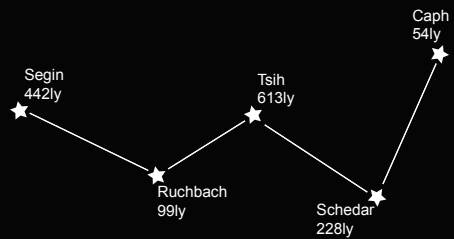


CONSTELLATIONS

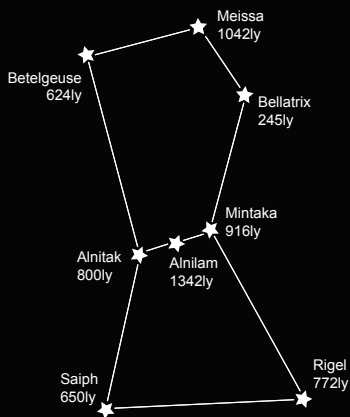
Cygnus



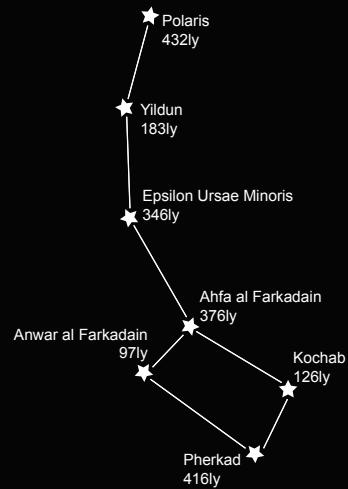
Cassiopeia



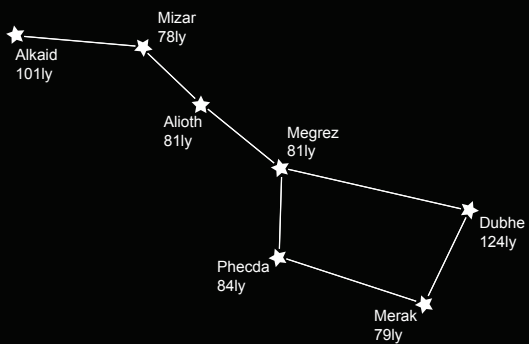
Orion



Ursa Minor



The Plough



Leo

