

## Full product specification

# Proxima Centauri

Slow 'n' Steady Red



### Product Name

Slow 'n' Steady Red

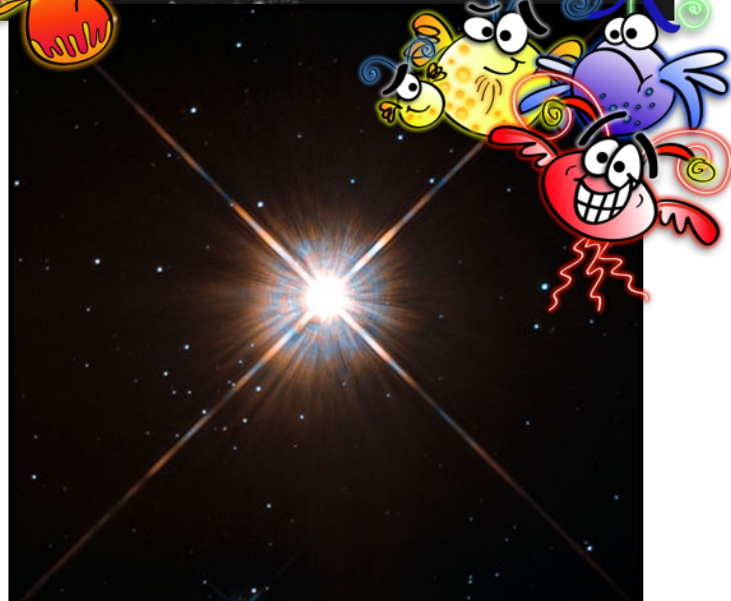
### Product Code

Star-SnSR



### Overview

Proxima Centauri is a special star to us here on earth because it's the second closest star to us at a distance of 4.2 light years away. It was discovered by the Scottish astronomer, Robert Innes, in 1915 and he named it using the Latin word Proxima, meaning **next to** or **nearest to**.



Proxima Centauri. Credit: ESA/Hubble Licensed under [Creative Commons Attribution 3.0 Unported license](#)

It's a red dwarf and these types of stars are considered to be relatively cold star (for a star, that is) and as such they do not shine very brightly. Even though it is the closest star to us; it can't be seen by the naked eye.

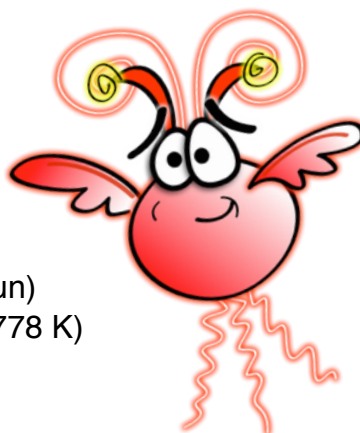


Artists impression of Proxima Centauri.  
Public domain.

It may be small, it mightn't be bright, but it does have a long and prosperous life ahead of it. Proxima Centauri slowly burns its hydrogen and will be glowing billions of years after our sun has dwindled into a white dwarf. In fact, scientists estimate that Proxima has about another **4 trillion years** of life still ahead of it. That's 300 times the age of our universe (our universe is only 13.8 billion years old).

### Physical Properties

- **Mass**  $244 \times 10^{27}$  kg (12% the mass of our sun)
- **Surface temperature** 3,042 K (our sun is 5,778 K)
- **Radius** 100,800 km (our sun is 695,800 km)
- **Constellation:** Centaurus



# Proxima Centauri

Slow 'n' Steady Red



# Cosmic Caboodle

THE UNIVERSE IN THE PALM OF YOUR

Proxima Centauri, a very special star in the universe because it is the closest star to Earth, outside of our Sun.

You too can now keep Proxima Centauri close by following these simple instructions. When finished, place it in your pocket for safe keeping.

## DIFFICULTY FACTOR



- **Two** out of **three** cheeky aliens.
- Requires some **tricky assembly** of the five sections of the star, but with patience, is readily achieved.
- Approximately **15 minutes** to make.

## INSTRUCTIONS

### YOU WILL NEED

1. Single sided print of the last two pages
2. Scissors
3. Pencils to add colour (optional)
4. Patience

### METHOD

1. Cut out the 5 pieces
2. Take one piece and fold as per the instructions below.
3. Optional - Colour in the words for a splash of fun.





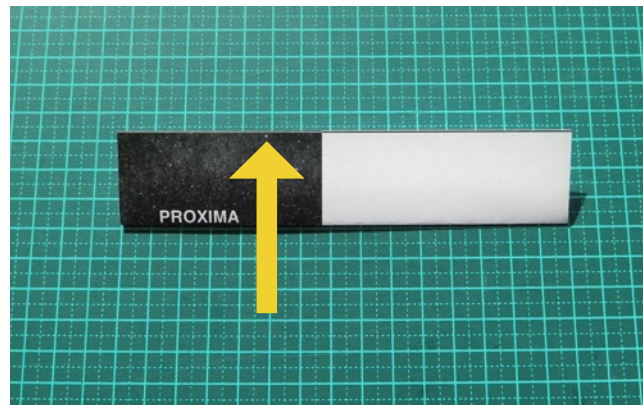
# Alpha Centauri

The Gravel Max

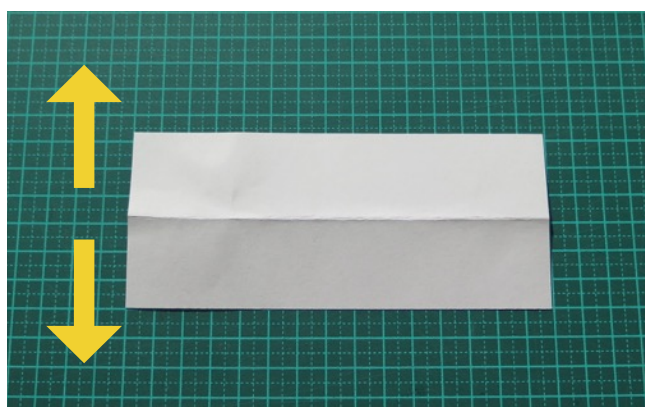
**Cosmic Caboodle**  
THE UNIVERSE IN THE PALM OF YOUR



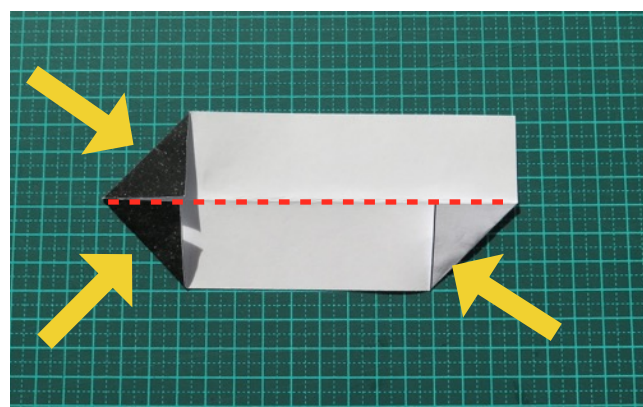
1. Place your first piece down on a flat surface and then flip to face down.



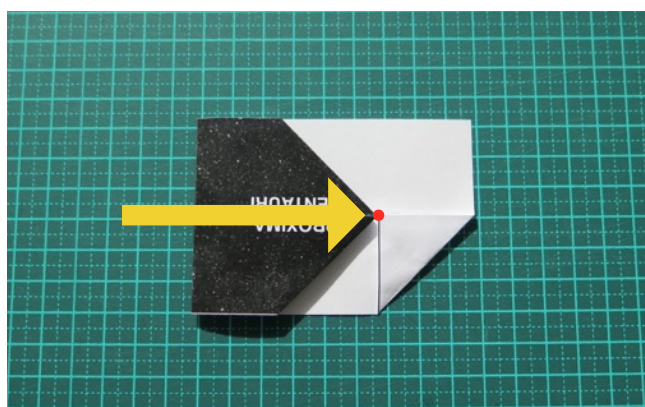
2. Fold in half



3. Then open up again.



4. Fold the three corners into the centre line.



5. Fold from the left to the right, to meet the point of the other triangle.



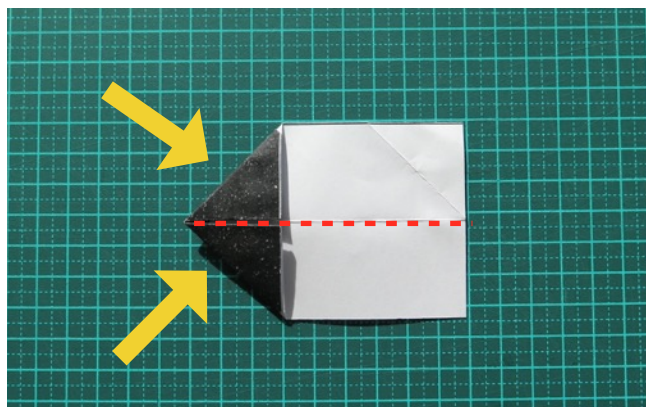
6. Turn the paper over.



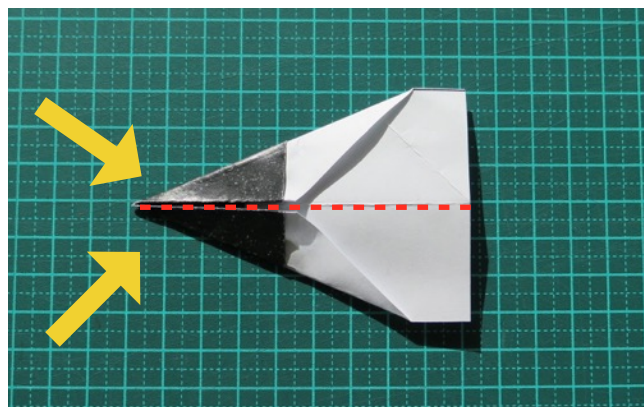
# Alpha Centauri

The Gravel Max

**Cosmic Caboodle**  
THE UNIVERSE IN THE PALM OF YOUR



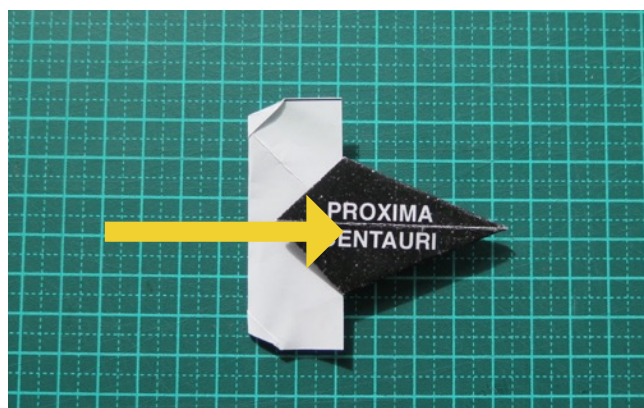
7. Fold the left hand corners into the centre line again.



8. Fold another time towards the centre line (it's a bit like making a paper aeroplane).



9. Flip over again



10. Fold in half from left to right and tuck the paper underneath the black flap.



11. Repeat - Fold in half from left to right and tuck the paper underneath the black flap.



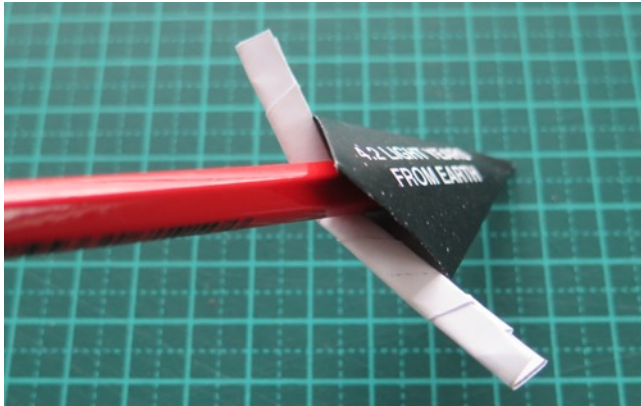
12. Repeat for one last time.



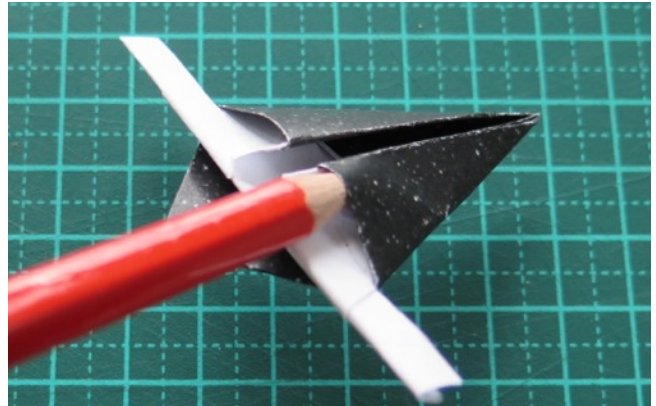
# Alpha Centauri

## The Gravel Max

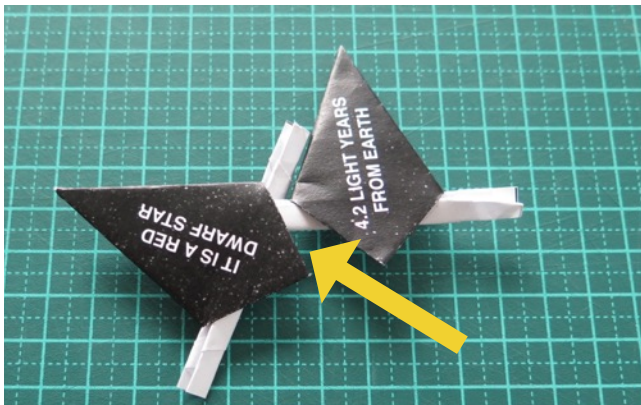
**Cosmic  
Caboodle**  
THE UNIVERSE IN THE PALM OF YOUR



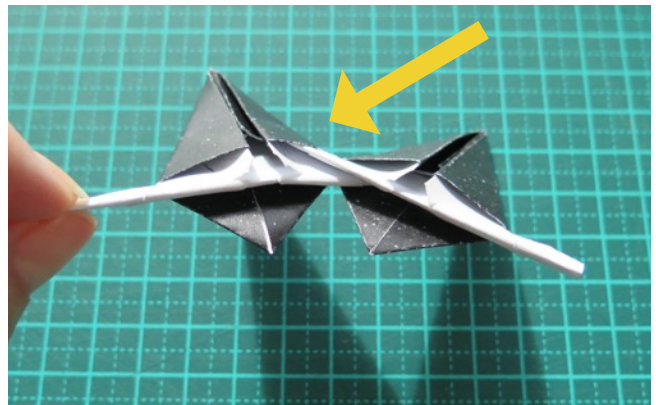
13. View of pocket on top side of the folded paper



14. View of underside pockets (two)



15. This is the tricky bit - patience required. Slot one wing into the top pocket (photos shows left into right)



16. Flip around and slot the pocketed piece's wing into the underside pocket of the other piece of paper.




17. Continue one piece at a time, ending by slotting the two remaining wings into the opposing piece.

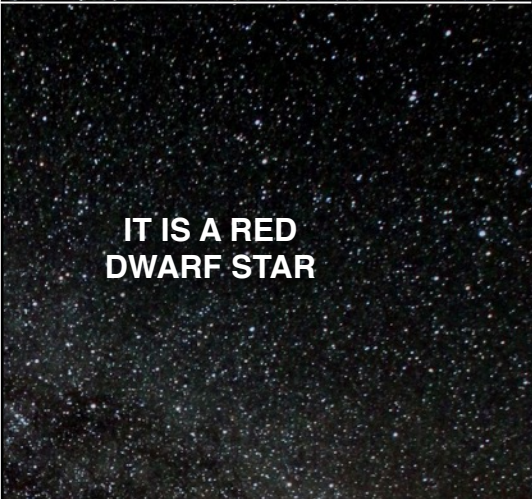


The back view.






**PROXIMA IS LATIN  
FOR 'NEAREST'**



**IT IS A RED  
DWARF STAR**



**PROXIMA  
CENTAURI**



**1/7 THE SIZE OF  
OUR SUN**



Background image 'Constellation swan in front of the Milkyway' by Eclipse.sx 26 September 2009, under Creative Commons Attribution-Share Alike 3.0 Unported license.