

RED SUPERGIANT

INTRODUCTION

The spectral class of a star, we hear
Is down to the ionisation of its chromosphere
Whichever atomic excitations show best
Are a surefire stellar classification test so...

Diffract the light from that distant sun
Through a grating thereby making here on Earth a spectrum
A rainbow striped with dark absorption lines
Each the sign of an elemental ionic kind so...

These lines will tell you clear
Which elements are lurking here
The specific lines for each element show
Just how hot that star glows...

ROUND

Take one star far bigger than our sun
Getting very old, running out of helium
In less than a second the core implodes
Brighter than a galaxy that start explodes

Red supergiant in black sky
Might any moment blow sky high
Red super giant - time bomb
Supernova blowing now so let's be gone

When a big star grows very old
It swells up big, gets relatively cold
Then at any time explodes
Into a supernova!

[Then the three stanzas are sung simultaneously or as a round combined with...]

Big star grows old
Relatively cold then
Any time explodes
Supernova

