

Life Cycle of Stars: Element Formation

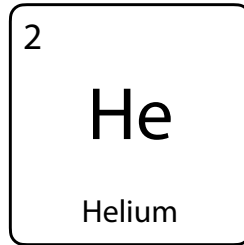
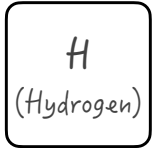
projects.wwtambassadors.com/star-life-cycle

What could it form from?

ELEMENT

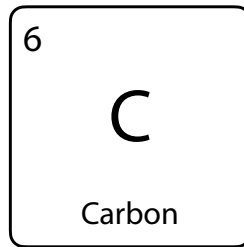
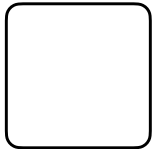
This reaction occurs in...

What is happening in the star that makes this reaction possible?

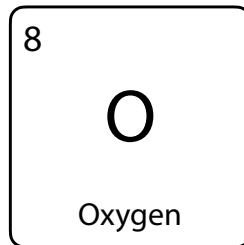
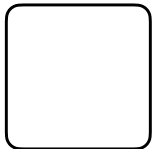


- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants

Gas compression raises the core temperature and density until hydrogen atoms start fusing to helium.

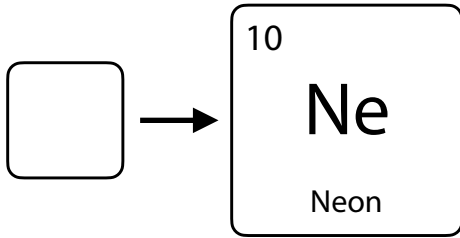


- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants

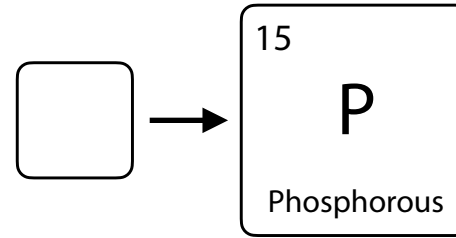
Forms from?



Reaction occurs in...

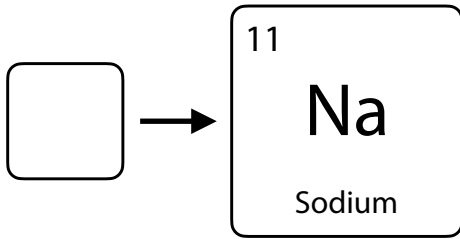
- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants

Forms from?

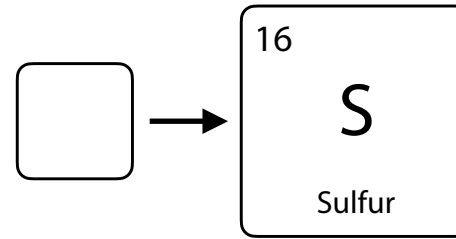


Reaction occurs in...

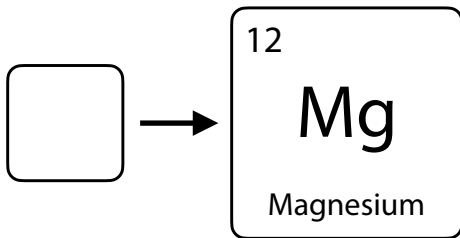
- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



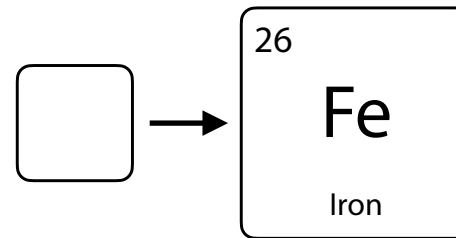
- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



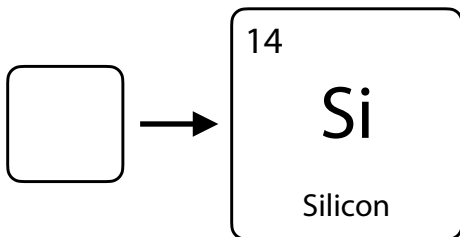
- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



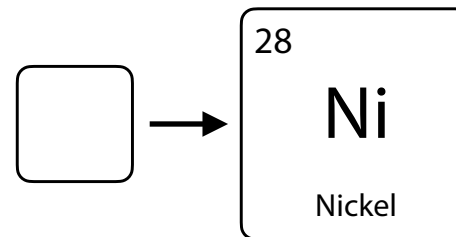
- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants



- Sun-like main-sequence stars
- Massive main-sequence stars
- Red giants
- Red supergiants