

The Most Astounding Fact - Neil deGrasse Tyson, Ph.D.

The Most Astounding Fact

The most astounding _____ is the _____ that the atoms that comprise life on _____ the atoms that make up the _____ body are traceable to the crucibles that cooked light elements into _____ elements in their core under _____ temperatures and pressures. These _____, the high mass ones among them went _____ in their later years they _____ and then exploded scattering their enriched guts _____ the galaxy guts made of carbon, nitrogen, _____ and all the fundamental ingredients of life itself. These ingredients become part of gas cloud that condense, collapse, form the next _____ of solar systems stars with orbiting _____, and those planets now have the ingredients for life itself. So that when I look up at the _____ sky and I know that yes, we are part of this universe, we are in this universe, but perhaps more important than _____ of those facts is that the Universe is in us. When I _____ on that fact, I look up – many people feel _____ because they're small and the Universe is big – but I feel big, because my atoms came from those stars. There's a level of _____. That's really what you _____ in life, you want to feel _____, you want to feel relevant you want to feel like a _____ in the goings on of activities and events around you That's _____ what we are, just by being alive...

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Put the word into the correct box.

	A _____ happens about every 72 years.
	A _____ is a flying piece of ice and dust in space.



An _____ is a form of outside fictitious life.



_____ is a force that attracts objects towards the Earth.



The photos are _____ over the floor.



These are the _____ to make Italian food.



Planet Mars is _____. Nobody can live here.

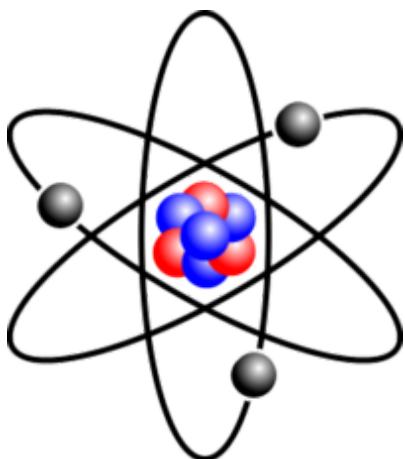
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*Lanthanide series

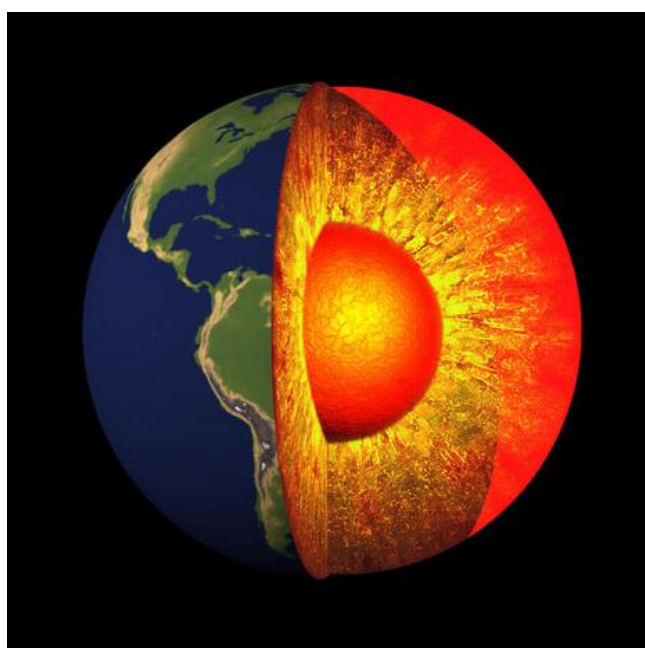
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Ac 89 227.03	Th 90 232.04	Pa 91 231.04	U 92 238.03	Np 93 237.05	Pu 94 244.06	Am 95 243.06	Cm 96 247.07	Bk 97 247.07	Cf 98 251.08	Es 99 252.08	Fm 100 257.10	Md 101 288.10	No 102 289.10

** Actinide series

We have to study the _____ in chemistry class.



An _____ is the basic unit of anything. It contains protons, neutrons and electrons.



The centre of the earth is called the _____.



The force upon something is the _____.

Conversation Questions

- Are you interested in astronomy? If yes, why?
- What are some of the mysteries of the universe that you want to know the answer to.
- Why are scientists so interested in finding out about the universe?
- Would you like to go to the moon or travel into space?
- Would you be afraid to travel into space?
- Would you like to experience the feeling of being without gravity?
- Do you agree with government's spending billions of dollars on space exploration?
- Do you think space tourism could become the next big industry?
- Do you think that eventually earth will become uninhabitable and human beings will be forced to populate another planet?
- Do you think the universe has an end?
- When do you think people will visit Mars?
- Do you think it is possible that humans could ever live on Mars?
- Do you think life exists on other planets?
- Do you think earth has been visited by extraterrestrials in UFOs?
- Do you think there is risk of planet earth being hit by an asteroid?
- Do you think NASA knows more than they tell us?
- Do you think that many people have a fear of our inability to control factors in the universe?
- Have you ever seen a solar eclipse?