

IRON SENT DOWN

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PART 1: READ

وَأَنْزَلْنَا الْحَدِيدَ فِيهِ بَأْسٌ شَدِيدٌ وَمَنَافِعُ لِلنَّاسِ

And We sent down Iron, in which is (material for) mighty war, as well as many benefits for mankind (57 Al-Hdeed 25)

PART 2: LEARN

- 1) Modern astronomical findings have disclosed that the iron found in our world (and the entire solar system) has come from giant stars in outer space since the temperature in the Sun is inadequate for the formation of iron.
- 2) The sun has a surface temperature of 6,000 degrees Celsius, and a core temperature of approximately 20 million degrees. Iron can only be produced in much larger stars than the Sun, where the temperature reaches a few hundred million degrees.

3) When iron increases in stars and reaches a given level, the star explodes to get rid of its excess iron. The explosion is called **Nova** or **Supernova** as shown by photo to the right.



- 4) With reference to the ABJAD Table below Surat al-Hadeed 25, which refers to iron, contains **two** rather interesting mathematical codes: 1) "Al- Hadeed" is the 57th sure in the Qur'an. The **abjad** of the word "Al-Hadeed" in Arabic, when the values of its letters are added up, is also **57**. 2) The numerological value of the word "**hadeed**" alone is **26**. And 26 is **the atomic number of iron**. You may study the following ABJAD Table to verify the mathematical codes related to Al – Hadeed.

ABJAD (Letter Values)

Letter	Value	Letter	Value	Letter	Value
أ	1	ى	10	ق	100
ب	2	ك	20	ر	200
ج	3	ل	30	ش	300
د	4	م	40	ت	400
ه	5	ن	50	ث	500
و	6	س	60	خ	600
ز	7	ع	70	ذ	700
ح	8	ف	80	ض	800
ط	9	ص	90	ظ	900
				غ	1000

5) The metal is essential to life. Supernova explosion scattered iron atoms in space. Gravity forced iron atoms to the center of the earth generating heat, causing chemical differentiation on surface, out gassing of the early atmosphere and ultimately the formation of the hydrosphere. The earth's center contains molten iron causing earth's magnetic fields and Van Allen radiation belts (see photo to the right) which protect the earth from destructive cosmic radiation.



6) Iron is very useful to people. Give examples



7) Top 10 iron producing countries (thousands of tones)

	Year 2006
1  People's Republic of China	588,000
2  Brazil	318,000
3  Australia	275,000
4  India	140,000
5  Russia	102,000
6  Ukraine	74,000
7  United States	53,000
8  South Africa	41,000
9  Canada	34,000
10  Sweden	23,000

REFERENCES:

Harun Yahya www.harunyahya.com
Wikipedia Encyclopedia

PART 3: THINK & CONNECT

Answer the following questions:

- 1) Earth's **iron** did not form on the Earth. True or False
- 2) It was carried from **Supernovas**. T or F
- 3) It was "**sent down**," as stated in the verse above. T or F
- 4) **This fact** was known in the 7th century, when the Quran was revealed. T or F
- 5) The iron was mentioned in **Surah** (Give a number)
- 6) The **atomic number** of iron is 26.
- 7) What does this lesson tell you about Allah's **Knowledge, Wisdom and Mercy**?
- 8) What would happen if iron **disappears** suddenly from our planet?