



## Amazing facts about the brain

Most of us take our brains for granted, never thinking about the amazing organ, so critical to our survival.

The brain has been likened to a powerful super computer. Famous brains have been cryogenically frozen, in the hope that one day the most famous minds of our time will be resurrected once more. Frankenstein stole one for his monster and in countless horror movies, zombies have sought them out.

### 1. Your brain doesn't feel pain

Your brain processes every sensation that you experience, including pain, but did you know that the brain itself has no pain receptors? This means that the actual brain tissue, or grey matter as we like to call it, cannot experience pain.

### 2. Your brain uses 20% of the oxygen you breathe

While your brain makes up only about two percent of your body mass, it needs around twenty percent of the oxygen you breathe in order to keep functioning. It's because of this, that we die so quickly when we are deprived of oxygen.

### 3. Your brain is more active at night

Strange as it may seem, your brain actually shows more activity at night than during the day, despite all the moving around, thinking, and complex calculations you do.

### 4. Higher IQ = more dreams

It's a proven fact that the higher your IQ (Intelligence Quotient), the more you dream. Scientists have discovered, that while everyone dreams, the frequency of dreams is significantly higher in those of above average intelligence.

### 5. Your brain is 80% water

Just as we need oxygen to keep our brain's complex electrical processes going, we need water to keep our own personal super computers in good working order.

### 6. Your brain operates on current

Yep, just like that computer, your brain uses electrical power, generated in your body, to operate.

### 7. The brain has a storage capacity in the terabytes

Anyone who has a computer will know what a gigabyte is. You might not know what a terabyte is, though. A terabyte has a storage capacity that is a little over one thousand gigabytes.



### Task

- Choose one of the amazing facts listed above, or write your own. Draw a humorous cartoon or picture to show your understanding of that fact.