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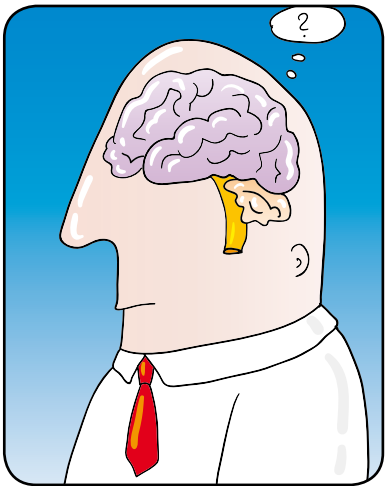
## Brain Power



**We use our brain for thinking, breathing, moving, dreaming - in fact our brain is pretty cool! How much do you know about your brain?**

**Here are some fascinating facts.**

- A newborn baby's brain weighs about 340 grams
- An adult's brain weighs about 1400 grams (1.4 kgs)
- Brain study is called neuroscience
- The **skull** or cranium is the hard part that protects the brain
- Your brain is about 80% water



- Brains have a texture a bit like jelly
- The cerebrum or cerebral **cortex** makes up about 85% of the brain
- The cerebrum controls memory, speech, sight and thinking
- The cerebrum has two halves called hemispheres
- The right **hemisphere** of the cerebrum thinks art and music
- The left hemisphere of the cerebrum thinks logic and maths
- The cerebellum at the back controls balance and movement
- Cerebellum means **little** brain
- The brain stem connects the brain to the **spinal** cord
- Your brain is made up of 100 billion nerve cells or neurons

- Messages travel through nerves at speeds of 420 kms per hour
- The brain of an **elephant** weighs about 5000 grams (5kg)
- The brain of a cat or dog weighs about 30 grams
- A mouse's brain is a tiny 0.4 grams and a jellyfish has no brain
- Sperm whales have the largest brains - six times bigger than ours!
- Exercise is good for your brain as well as your body
- Reading, puzzles and learning new things are all good for your brain

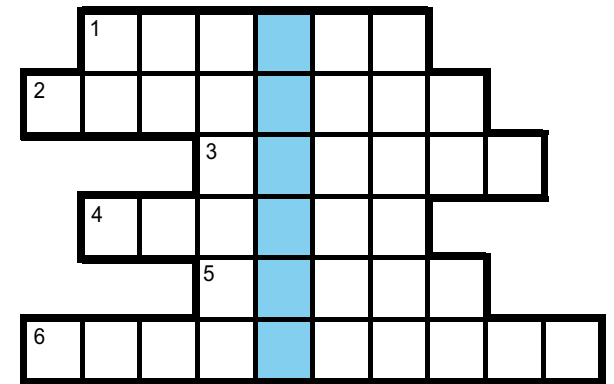
## BrainWords PUZZLE

(Hint: all the answers are **red** in the text on the page opposite)

### ACROSS

1. The cerebrum is also called the cerebral ...
2. Large grey animal with a brain weighing about 5kgs
3. Cerebellum means ... brain
4. The brain stem connects the brain to the ... chord
5. This protects the brain and is also called the cranium
6. One side of the cerebrum (the right half thinks art)

Answer all the clues to fill in the words going across. You will be able to spell a word in the shaded squares down the middle. Write this word into the space below.



### SOLUTION

