

Mobiles: Resource 3

The pros and cons on mobile phones can be found on the BBC website:

<http://www.bbc.co.uk/science/hottopics/mobilephones/index.shtml>

Yes	No
Radio waves given off by mobiles can heat up body tissue, having damaging effects	Radio waves are not powerful enough to cause heat damage to the body
Magnetic fields created by mobile phones can affect the way that your body cells work	The magnetic fields are incredibly small, and so unlikely to affect cells in our body
People who make long mobile phone calls sometimes complain of fatigue, headaches, and loss of concentration	The same results have never been reported in laboratory conditions and may be due to other factors in modern lifestyles
Mobile phone users are 2.5 times more likely to develop cancer in areas of the brain adjacent to their phone ears	Researchers admit it's unclear this increase is linked to using mobiles
The International Agency for Research on Cancer found a link between childhood cancer and power lines. Like mobile phones, power lines also emit radiation	The radiation produced by powerlines is a different kind of radiation, with much more energy than that coming from mobile phones
Radio frequency waves similar to those in mobile phones altered the gene expression in nematode worms	Worms are not humans, there is no guarantee that our brain cells will behave in the same way

