

## Important edits and additions - February 2017 (this list does not include general typo's)

- 21 Last paragraph, last sentence, replace **Fall** with: **Flood**
- 25 Replace info in brown block with: **Special theory of evolution**: changes that organisms undergo over time so that new species are formed. **General theory of evolution**: all living organisms arose from a single source, which itself came from an inorganic form
- 27 Second paragraph, replace **GG Simpson** with: **Michael Denton**
- 34 Last paragraph, replace info on Darwin: **After Darwin married his first cousin, Emma Wedgwood, they had 10 children, three of whom died, while three others married but remained childless, suggesting infertility problems**
- 44, 47, 51 Change **4.5** to **4.6**
- 57 Add to end of second paragraph after '**molten state**': **and then slow-cooled and crystallised over millions of years,**
- 70 Replace the first sentence of the first paragraph with: **This part of the geological column (excluding the pre-Cambrian right at the bottom) actually represents a very tiny fraction of the complete geological timescale. The pre-Cambrian stretches right back to 3.8 billion years. Percentage wise, the pre-Cambrian spans nearly 90% of the total assumed earth history!**
- 77 10th Row from the bottom, delete: **the oldest layer**
- 101 First par, 4th row: Change **600** to **700**  
First par, 11th row: Replace **more than twenty** with: **many**  
First par, 12th row: Add after 'years': **five of them being of major significance**  
Second par, 4th row: Change **frozen** to **semi-frozen**  
End of second par: After **mammoths** add: **remains**
- 111 Last par, 5th row from below: change **grandpa** to **old**
- 113 Bottom - last par, delete: **and grandchildren**
- 117 First paragraph, change **0.47%** to **0.45%**
- 127 Second bullet, replace: '**as well as reptiles**' with **dinosaurs**
- 133 First par, 6th row, replace **women** with: **people**
- 135 Change **525** to: **425** million years
- 136 Second par, 4th row from below, '**per year**' should read: **per 1 000 years**
- 139 First par, 7th row: 'This is the distance' should read: This is **almost** the distance..'
- 145, 150, 152, 156: Replace **140** with **300**
- 154 In brown block: replace '**prove**' with **supports**
- 156 Change **nC** to **AD** (Hualalai basalt and Hawaii 2nd example)..
- 156 Hualalai basalt Change **vC** to: **AD**
- 156 Hawaii 2de Change **vC** to: **AD**
- 156 Mt Etna change **vC** to: **BC**
- 156 Replace **1792nC** with: **1972 AD**
- 156 Replace **Kalifornië** with: **California 1915AD**
- 156 Add before ref no 24: **1064-1065AD**
- 156 Add under Mnt St Helens methods: **K-Ar**
- 158 Replace **100 million, million cells in just one human with: about 14 trillion cells (that is 14 followed by 12 zero's - if estimated based on volume) or 60 trillion (if estimated by weight of 70 kg's) - in just ONE human!**
- 160 Replace '**that you have two choices**' with: **the following:**
- 160 Replace point 1 and 2 with: **About five to seven million years ago, humans (in other words your great, great grandpa) and apes (chimpanzees) split from a common, though completely unknown ancestor (which in itself, evolved from some unknown, primordial pond-scum)**
- 174 Change Piltdown man **1922** to: **1912**  
7th line from the bottom - delete the word **two** from the sentence (these **two** parts)
- 184 Replace **Their conclusion:** with: **From their various quotations we can conclude:**
- 188 Replace **a modern day reptile** with: **an animal**
- 191 Update and replace lca-stone info with: **The mystery regarding the stones has since been cleared up and shown to be a fraud. It is now known that an unscrupulous Peruvian surgeon had purchased the stones from a local artist and installed them in his museum. He then claimed them to be ancient artefacts. However, the artist who makes these stones himself for tourists, have never claimed them to be ancient. The Institute of Geological Sciences in London has since examined one of the stones and confirmed its modern origin.**
- 198 Last par, 6th row from below, delete: **trilobites**
- 210 Change **4.5** to **4.6**
- 222 3rd last line of 2nd paragraph: Replace **at the right time** with: **at the same time**
- 219 Row 4, replace: '**atom, just like the moon orbits around earth**' with: **move around the nucleus of the atom in discrete orbits**
- 227 Haeckel's description refers to monera, not to the embryo - replace '**He describes the embryo as:** with: **Haeckel was the first person to 'put together' an evolutionary family tree for humanity. To fill the gaps between inorganic non-living matter and the first signs of life, he conjured up a series of miniature protoplasmic organisms that he called Monera. He describes these hypothetical creatures as:**